

Product Datasheet

HA Tag Antibody - BSA Free

NB600-362

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

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NB600-362

HA Tag Antibody - BSA Free

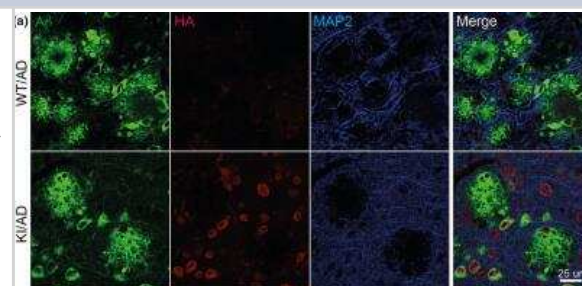
Product Information	
Unit Size	0.1 ml
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS

Product Description	
Description	Novus Biologicals Goat HA Tag Antibody - BSA Free (NB600-362) is a polyclonal antibody validated for use in IHC, WB, ELISA, ICC/IF and IP. Anti-HA Tag Antibody: Cited in 38 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Species	Epitope Tag
Immunogen	This HA Tag Antibody was developed by immunizing goats with HA cleavage site (YPYDVPDYA) conjugated to KLH.

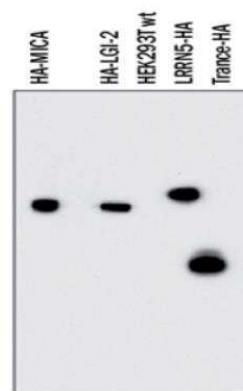
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:10000 - 1:25000, ELISA 1:1000 - 1:3000, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:100 - 1:400, Immunoprecipitation 2 - 10 ug / mg lysate
Application Notes	ICC/IF reactivity reported in scientific literature (PMID: 23050017).

Images

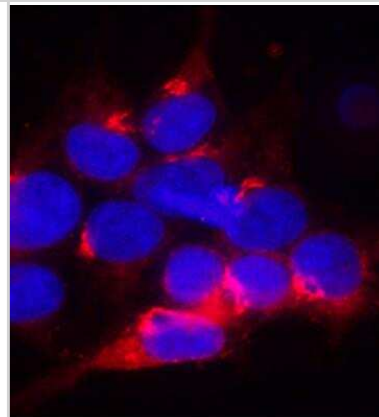
Immunohistochemistry: HA Tag Antibody [NB600-362] - SUMO1 conjugates are not localized to amyloid plaques. (a) Sagittal brain sections of 24-week-old KI/AD and WT/AD animals were stained using anti-HA antibodies (red), 6E10 antibodies (green) that label amyloid beta 1-42 among other amyloid beta variants (epitope lies within amino acids 3-8 of amyloid beta) and anti-MAP2 antibodies (blue). Sections of the hippocampal subiculum are shown. Images are representatives of three independent experiments. Scale bar, 25 um. Image collected and cropped by CiteAb from the following publication (<https://doi.wiley.com/10.1111/ace.12760>) licensed under a CC-BY license.



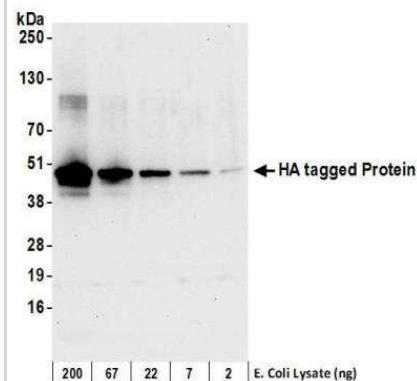
Western Blot: HA Tag Antibody [NB600-362] - Lysates of HEK293T human embryonic kidney cell line transfected with N-terminal HA-tagged MICA, N-terminal HA-tagged LIG-2, mock transfected, C-terminal HA-tagged LRRN5, and C-terminal HA-tagged Trance. PVDF membrane was probed with 1:500 dilution of 1:2500 dilution of goat anti-HA Tag polyclonal (NB600-362, Novus Biologicals), 1:5000 dilution of rabbit anti-HA Tag polyclonal (NB600-363, Novus Biologicals), followed by 1:2000 dilution of the appropriate HRP-conjugated secondary antibody, donkey anti-mouse IgG (HAF018).



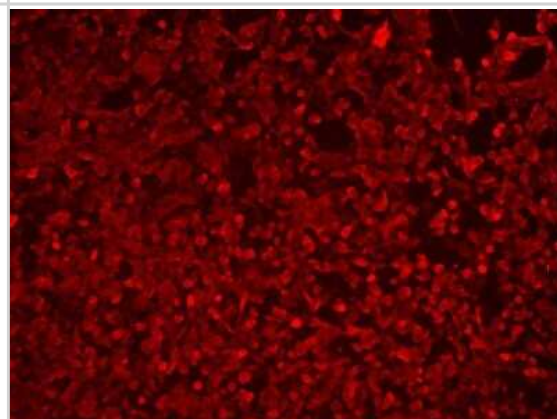
Immunocytochemistry/Immunofluorescence: HA Tag Antibody [NB600-362] - HA-tagged proteins were detected in immersion fixed HEK293 human embryonic kidney cell line transfected with HA-tagged MGAT2 using 1 ug/mL goat anti-HA Tag polyclonal (NB600-362, Novus Biologicals), 1 ug/mL rabbit anti-HA Tag polyclonal (NB600-363, Novus Biologicals). Cells were stained using the appropriate secondary antibody, donkey anti-mouse IgG-NL557 (NL007) and counterstained with DAPI (blue).



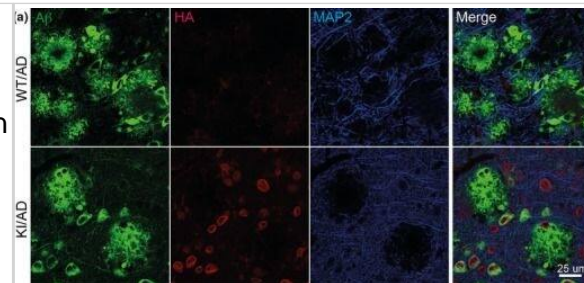
Western Blot: HA Tag Antibody - BSA Free [NB600-362] - 200, 67, 22, 7, or 2 ng of E. coli whole cell lysate expressing a multi-tag fusion protein. Antibodies: Affinity purified, goat anti-HA antibody used for WB at 0.04 ug/ml (1:25,000). Detection: Chemiluminescence with an exposure time of 10 seconds.



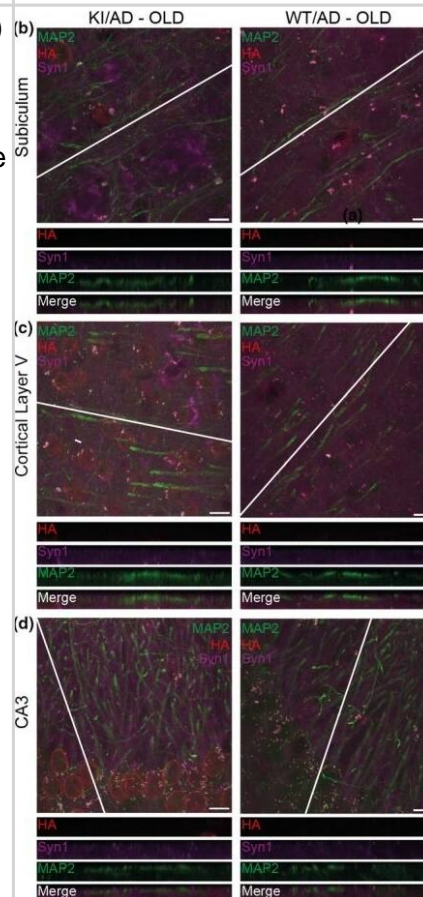
Immunocytochemistry/Immunofluorescence: HA Tag Antibody [NB600-362] - HA tagged RFX6 overexpression in HEK293 stained with HA Tag antibody at a dilution of 1:250. ICC/IF image submitted by a verified customer review.



SUMO1 conjugates are not localized to amyloid plaques. (a) Sagittal brain sections of 24-week-old KI/AD & WT/AD animals were stained using anti-HA antibodies (red), 6E10 antibodies (green) that label amyloid beta 1–42 among other amyloid beta variants (epitope lies within amino acids 3–8 of amyloid beta) & anti-MAP2 antibodies (blue). Sections of the hippocampal subiculum are shown. Images are representatives of three independent experiments. Scale bar, 25 μ m. (b) Anti-HA signal intensity in amyloid plaques & in cell nuclei was quantified using ImageJ (N = 3, ***significance between WT/AD & KI/AD, $p = .0007$ in Student's t test) Image collected & cropped by CiteAb from the following publication (<https://pubmed.ncbi.nlm.nih.gov/29633471>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



SUMO1 conjugates remain nuclear during increased amyloid burden. (a) Western blot analysis of subcellular fractions of 36-week-old KI/WT & KI/AD mouse brain using anti-HA antibody (upper two panels) & antibodies to GluN1 (a marker of the postsynaptic compartment) & Synaptophysin (a marker of the presynaptic compartment) to validate the fractionation procedure (lower two panels). H, homogenate; P1, nuclear pellet; S1, supernatant after P1 sedimentation; P2, crude synaptosomal pellet; S2, supernatant after P2 sedimentation; LP1, lysed synaptosomal membranes; LS1, supernatant after LP1 sedimentation; LP2, pellet after LS1 sedimentation, SPM, synaptic plasma membranes. Bracket indicates the anti-HA signal representing SUMOylation, arrow indicates RanGAP1, stars indicate nonspecific signal detected by the anti-HA antibody. (b) Brain sagittal sections of aged (36 weeks old) KI/AD (left panels) & WT/AD (right panels) mice were immunostained using antibodies directed against HA (red, labels HA-HA conjugates), MAP2 (green, labels neuronal somata & dendrites), & Synapsin1 (Syn1, magenta, labels synapses). The images show triple-labeled neurons of hippocampal subiculum (b), cortical layer 5 (c), & proximal apical dendrite from hippocampal CA3 (d). The white line shows the orientation of the line-scan used to generate the image stack shown in the bottom side view. Scale bar: 10 μ m. Note that the anti-HA immunosignal is mainly located in neuronal nuclei, only background staining is observed in WT/AD mice. Little anti-HA signal is observed along MAP2-positive structures & does not colocalize with Synapsin1 Image collected & cropped by CiteAb from the following publication (<https://pubmed.ncbi.nlm.nih.gov/29633471>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



Publications

Altenburg L, Wang S, Ciabattini G et al. Transmembrane Protein-184A Interacts with Syndecan-4 and Rab GTPases and Is Required to Maintain VE-Cadherin Levels Cells 2025-06-03 [PMID: 40498012]

Zhou M, Han Y, Jiang J Phosphorylation-induced SUMOylation promotes Utk4 condensation at the ciliary tip to transduce Hedgehog signal Journal of Cell Science 2025-10-15 [PMID: 40171800]

Zeng J, Xu H, Fan PZ et al. Kaempferol blocks neutrophil extracellular traps formation and reduces tumour metastasis by inhibiting ROS-PAD4 pathway Journal of Cellular and Molecular Medicine 2020-07-01 [PMID: 32427405]

O'Shea TM, Ao Y, Wang S et al. Lesion environments direct transplanted neural progenitors towards a wound repair astroglial phenotype in mice Nature Communications 2022-09-28 [PMID: 36171203]

Adilardi RS, Dernburg AF. Robust, versatile DNA FISH probes for chromosome-specific repeats in *Caenorhabditis elegans* and *Pristionchus pacificus* G3 Genes|Genomes|Genetics 2022-07-06 [PMID: 35567480]

Wollenberg AL, O'Shea TM, Kim JH et al. Injectable polypeptide hydrogels via methionine modification for neural stem cell delivery Biomaterials 2018-09-01 [PMID: 29657091]

Wei G, Iqbal N, Courouble VV et al. Prion-like low complexity regions enable avid virus-host interactions during HIV-1 infection Nature Communications 2022-10-06 [PMID: 36202818]

Yan Y, Gauthier MA, Malik A et al. The NOTCH-RIPK4-IRF6-ELOVL4 Axis Suppresses Squamous Cell Carcinoma Cancers (Basel) 2023-01-25 [PMID: 36765696]

Murata D, Roy S, Lutsenko S, Iijima M et Al. Slc25a3-dependent copper transport controls flickering-induced Opa1 processing for mitochondrial safeguard Dev Cell 2024-07-10 [PMID: 38986607]

Hellweg L, Pfeifer M, Tarnawski M, Thing-Teoh S et Al. AspSnFR: A genetically encoded biosensor for real-time monitoring of aspartate in live cells Cell Chem Biol 2024-05-28 [PMID: 38806058]

Wünkhaus D, Tang R, Nyame K et Al. TRPML1 activation ameliorates lysosomal phenotypes in CLN3 deficient retinal pigment epithelial cells Sci Rep 2024-07-30 [PMID: 39080379]

Adewumi HO, Berniac GI, McCarthy EA et Al. Ischemic and hemorrhagic stroke lesion environments differentially alter the glia repair potential of neural progenitor cell and immature astrocyte grafts Exp Neurol 2024-01-18 [PMID: 38244885]

More publications at <http://www.novusbio.com/NB600-362>





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Products Related to NB600-362

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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