

Product Datasheet

EEA1 Antibody - BSA Free NBP1-30914

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Updated 9/25/2025 v.20.1

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NBP1-30914

EEA1 Antibody - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Thimerosal
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS, 20% Glycerol
Target Molecular Weight	162 kDa

Product Description	
Description	Novus Biologicals Rabbit EEA1 Antibody - BSA Free (NBP1-30914) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-EEA1 Antibody: Cited in 7 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	8411
Gene Symbol	EEA1
Species	Human, Mouse, Rat, Hamster
Marker	Early Endosome Marker
Immunogen	Carrier-protein conjugated synthetic peptide encompassing a sequence within the C-terminus region of human EEA1. The exact sequence is proprietary.

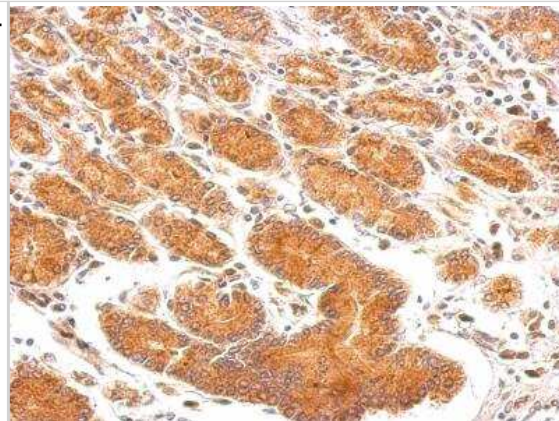
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunomicroscopy
Recommended Dilutions	Western Blot 1:500-1:10000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000, Immunomicroscopy Reported in scientific literature (PMID: 27795427)

Images

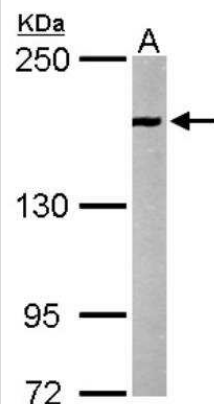
Western Blot: EEA1 Antibody [NBP1-30914] - 30 ug each lane of HEK-293 cell extracts. Image from verified customer review.



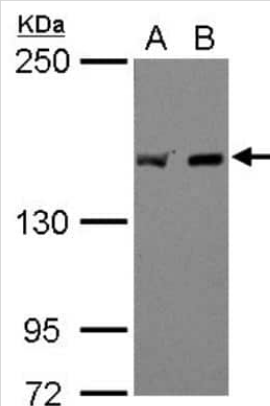
Immunohistochemistry-Paraffin: EEA1 Antibody [NBP1-30914] - Paraffin-embedded colon carcinoma. Antibody at 1:500.



Western Blot: EEA1 Antibody [NBP1-30914] - Mouse brain. 5% SDS PAGE. Antibody at 1:1000. HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



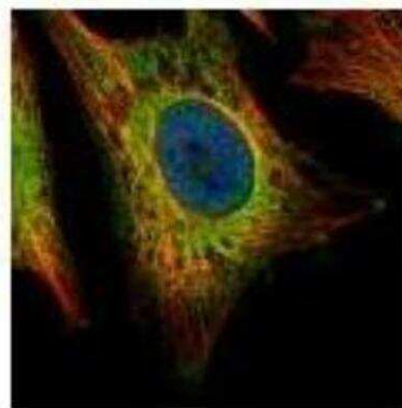
Western Blot: EEA1 Antibody [NBP1-30914] - A. 30 ug PC-12 whole cell lysate/extract, B. 30 ug Rat 2 whole cell lysate/extract. 5% SDS-PAGE. Antibody at 1:1000.



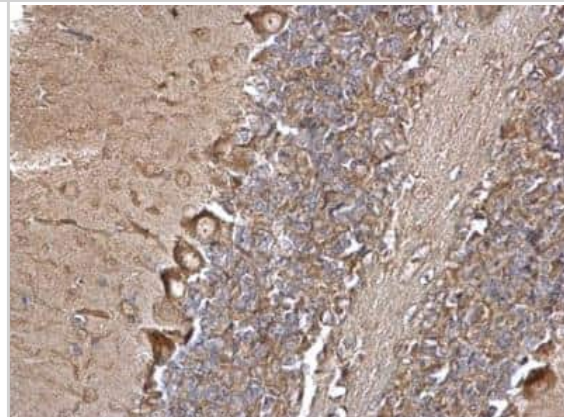
Western Blot: EEA1 Antibody [NBP1-30914] - 30 ug whole cell lysate/extracts B. Antibody at 1:5000.



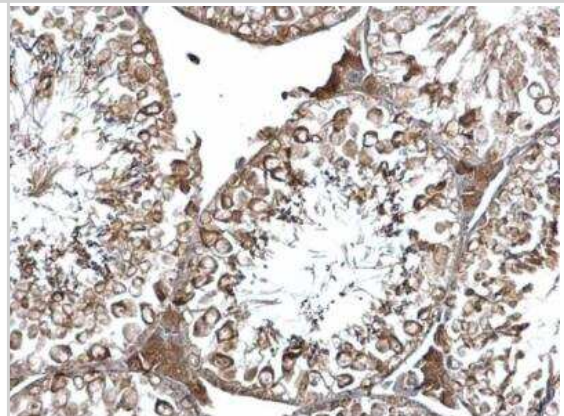
Immunocytochemistry/Immunofluorescence: EEA1 Antibody [NBP1-30914] - Methanol-fixed HeLa cells, using EEA1 (NBP1-30914) antibody (green) at 1:500 dilution. Alpha-tubulin filaments were labeled red.



Immunohistochemistry-Paraffin: EEA1 Antibody [NBP1-30914] - Mouse testis. EEA1 antibody [C3], C-term dilution: 1:500. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.



Immunohistochemistry-Paraffin: EEA1 Antibody [NBP1-30914] - Mouse testis. EEA1 antibody [C3], C-term dilution: 1:500. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.



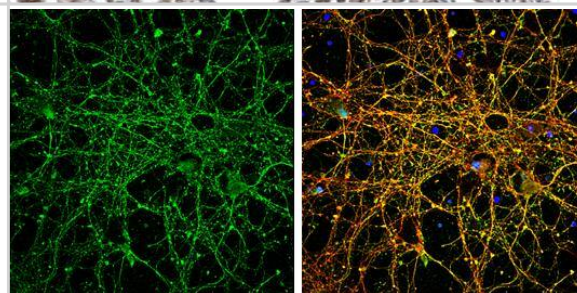
EEA1 antibody [C3], C-term detects EEA1 protein by immunofluorescent analysis.

Sample: DIV9 rat E18 primary cortical neurons were fixed in 4% paraformaldehyde at RT for 15 min.

Green: EEA1 protein stained by EEA1 antibody [C3], C-term (NBP1-30914) diluted at 1:500.

Red: beta Tubulin 3/ Tuj1, stained by beta Tubulin 3/ Tuj1 antibody [GT886] diluted at 1:500.

Blue: Fluoroshield with DAPI .



Publications

Murakami R, Chiba Y, Takebayashi G et al. SPINT1 Expressed in Epithelial Cells of Choroid Plexus in Human and Mouse Brains. *International Journal of Molecular Sciences* 2025-06-13 [PMID: 40507942]

Supratik Das, Hilal Ahmad Parray, Adarsh Kumar Chiranjivi, Prince Kumar, Abhishek Goswami, Manish Bansal, Deepak Kumar Rathore, Rajesh Kumar, Sweetly Samal Kennedy Epitope (KE)-dependent Retrograde Transport of Efficiently Cleaved HIV-1 Envelopes (Envs) and its Effect on Env Cell Surface Expression and Viral Particle Formation. *The protein journal* 2023-10-04 [PMID: 37794304]

Momei Zhou, Benjamin Vollmer, Emily Machala, Muyuan Chen, Kay Grünewald, Ann M Arvin, Wah Chiu, Stefan L Oliver Targeted mutagenesis of the herpesvirus fusogen central helix captures transition states. *Nature communications* 2023-12-04 [PMID: 38042814]

Das S, Parray H, Chiranjivi A et al. Kennedy epitope (KE)-dependent retrograde transport of efficiently cleaved HIV-1 envelopes (Envs) and its effect on Env cell surface expression and viral particle formation *Research Square* 2022-11-10 (Western Blot, Human)

Murakami R, Chiba Y, Nishi N et al. Immunoreactivity of receptor and transporters for lactate located in astrocytes and epithelial cells of choroid plexus of human brain *Neurosci Lett* 2020-11-16 [PMID: 33212210] (ICC/IF, Human)

Details:

Immunofluorescence analysis and immunohistochemical analysis of human brain samples. Western blot analysis performed in HeLa and HT-29.

Yang E, Arvin AM, Oliver SL. The Glycoprotein B Cytoplasmic Domain Lysine Cluster Is Critical for Varicella Zoster Virus Cell-Cell Fusion Regulation and Infection. *J. Virol.* 2016-10-26 [PMID: 27795427] (IM)

Yang E, Arvin AM, Oliver SL. The cytoplasmic domain of varicella-zoster virus glycoprotein h regulates syncytia formation and skin pathogenesis. *PLoS Pathog.* 2014-05-01 [PMID: 24874654] (ICC/IF, Human)

Details:

Human melanoma cells transiently expressing gH[WT] or gH mutants with gL at 24 hours post transfection were immunostained for early endosome antigen (EEA1) with anti-EEA1 antibody - immunostaining appearing as punctae in the cytoplasm (Figure 4). Human melanoma cells at 24 (Uninfected) or infection with pOka-gH[834-841], pOka-gH[TL], pOka-gH[Y835A], pOka-gH[Y835F], pOka-gH[V5], pOka-gH[834StopV5], or pOka viruses were also stained for EEA1 (Figure 8).

Oliver SL, Brady JJ, Sommer MH et al. An immunoreceptor tyrosine-based inhibition motif in varicella-zoster virus glycoprotein B regulates cell fusion and skin pathogenesis. *Proc Natl Acad Sci U S A* 2013-01-29 [PMID: 23322733] (ICC/IF, Human)

Chen YT, Tsai MS, Yang TL et al. R26R-GR: a Cre-activable dual fluorescent protein reporter mouse. *PLoS One* 2012-01-01 [PMID: 23049968] (ICC/IF, Human)



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Products Related to NBP1-30914

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

Limitations

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