

Product Datasheet

STRA6 Antibody - Azide and BSA Free H00064220-D01P

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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Publications: 10

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Updated 9/9/2025 v.20.1

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H00064220-D01P

STRA6 Antibody - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH 7.4)

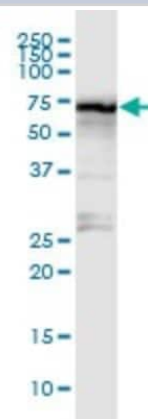
Product Description	
Description	Novus Biologicals Rabbit STRA6 Antibody - Azide and BSA Free (H00064220-D01P) is a polyclonal antibody validated for use in IHC and WB. Anti-STRA6 Antibody: Cited in 10 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	64220
Gene Symbol	STRA6
Species	Human, Mouse, Yeast
Specificity/Sensitivity	Reacts with stimulated by retinoic acid gene 6 homolog (mouse).
Immunogen	STRA6 (AAH25256.1, 1 a.a. - 667 a.a.) full-length human protein. MSSQPAGNQTSPGATEDYSYGSWYIDEPQGGEEELQPEGEVPSCHTSIPPGLY HACLASLSILVLLLLAMLVRRRQLWPDCVRGRPGLPSPVDFLAGDRPRAVPAA VFMVLLSSLCLLLPDEDALPFLTLASAPSQDGKTEAPRGAWKILGLFYAALYY PLAACATAGHTAAHLLGSTLSWAHLGVQVWQRAECPQVPKIYKYYSLLASLPL LLGLGFLSLWYPVQLVRSFSRRTGAGSKGLQSSYSEEYLRNLLCRKKGSSYH TSKHGFLSWARVCLRHCIYTPQPGFHLPLKLVLSATLTGTAIYQVALLLVGVVP TIQKVRAGVTTDVSYLLASFGIVLSEDKQEVVELVKHHLWALEVCYISALVLSCL LTFVLVLRSLVTHRTNLRALHRGAALDLSPLHRSPHPSRQAIFCWMSFSAYQT AFICLGLLVQQIIFFLGTTALAFVLMPVLHGRNLLLFRSLESSWPFWLTALAVIL QNMAAHWVLETHDGHPQLTNRVLYAATFLLFPLNVLVGAMVATWRVLLSAL YNAIHLGQMDLSLLPPRAATLDPGYTYRNFLKIEVSQSHPAMTAFCSLLLQAQ SLLPRTMAAPQDSLPRGEEDEGMQLLQTKDSMAKGARPGASRGRARWGLAY TLLHNPTLQVFRKTALLGANGAQP
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 1:100-1:2000, Immunohistochemistry, Immunohistochemistry-Paraffin
Application Notes	This antibody is reactive against tissue and transfected lysate in western blot, and as a detection antibody in ELISA. Use in Immunohistochemistry-Paraffin and Immunohistochemistry reported in scientific literature (PMID:31956331).

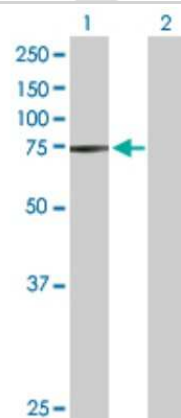


Images

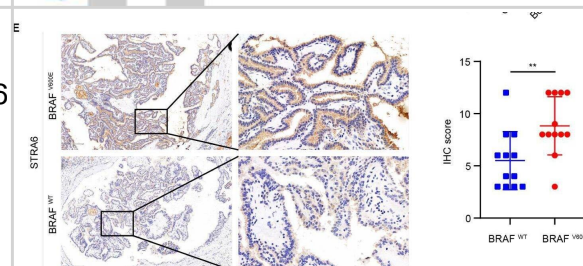
Western Blot: STRA6 Antibody [H00064220-D01P] - Analysis of STRA6 expression in mouse stomach.



Western Blot: STRA6 Antibody [H00064220-D01P] - Analysis of STRA6 expression in transfected 293T cell line by STRA6 polyclonal antibody. Lane 1: STRA6 transfected lysate (73.50 KDa). Lane 2: Non-transfected lysate.



STRA6 is upregulated in BRAF-mutated PTC. (A) mRNA expression of STRA6 in various cancers according to the TCGA cohort. (B) STRA6 mRNA expression based on BRAF genotype in THCA cohort. (C) STRA6 mRNA expression of zebrafish thyroid tumors with oncogenic transfection gene in GSE199023. (D) mRNA abundance in FAH cohort with respect to different molecular subtypes. (E) Immunohistochemistry (IHC) staining of STRA6 protein level based on the BRAF mutation status in PTC samples. (* $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$). The data are shown as the mean \pm SD). Image collected and cropped by CiteAb from the following open publication (<https://pubmed.ncbi.nlm.nih.gov/36843593>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



Publications

Szwarc MM, Hai L, Gibbons WE et al. Retinoid signaling controlled by SRC-2 in decidualization revealed by transcriptomics *Reproduction* 2018-10-17 [PMID: 30325183] (Western Blot, Mouse)

Jean M, Srinivasagan R, Johannes L et al. Genetic dissection in mice reveals a dynamic crosstalk between the delivery pathways of vitamin A. *J Lipid Res.* 2022-04-19 [PMID: 35452666]

He W, Sun Y, Ge J et al. STRA6 regulates tumor immune microenvironment and is a prognostic marker in BRAF-mutant papillary thyroid carcinoma *Frontiers in endocrinology* 2023-02-10 [PMID: 36843593] (IHC-P, Human)

He W, Cheng Z, Huo Z et al. STRA6 promotes thyroid carcinoma progression via activation of the ILK/AKT/mTOR axis in cells and female nude mice *Endocrinology* 2023-01-02 [PMID: 36592123]

Nishimoto K, Toya Y, Davis CR et al. Dynamics of vitamin A uptake, storage, and utilization in vocal fold mucosa *Mol Metab* 2020-05-28 [PMID: 32473404] (WB, Human)

Wang HM, Wu C, Jiang YY et al. Retinol and vitamin A metabolites accumulate through RBP4 and STRA6 changes in a psoriasis murine model *Nutr Metab (Lond)* 2020-01-13 [PMID: 31956331] (IHC-P, IF/IHC, Mouse)

Breen CJ, Martin DS, Ma H, McQuaid K. Production of Functional Human Vitamin A Transporter/RBP Receptor (STRA6) for Structure Determination. *PLoS One.* 2015-03-27 [PMID: 25816144]

Young PA, Leonard S, Martin DS, Findlay JB. The effect of retinol binding protein on the proteome of C2C12 muscle cells. *Diabetes Metab Res Rev.* 2015-11-10 [PMID: 26556762]

Berry DC, Levi L, Noy N. Holo-retinol-binding protein and its receptor STRA6 drive oncogenic transformation. *Cancer Res.* 2014-09-18 [PMID: 25237067]

Muenzner M, Tuvia N, Deutschmann C et al. RBP4 and its Membrane Receptor STRA6 Control Adipogenesis by Regulating Cellular Retinoid Homeostasis and RARalpha Activity. *Mol Cell Biol.* 2013-08-19 [PMID: 23959802] (WB, Mouse)





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Products Related to H00064220-D01P

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

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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