

Product Datasheet

Fascin 2 Antibody NBP1-06036

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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NBP1-06036**Fascin 2 Antibody**

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

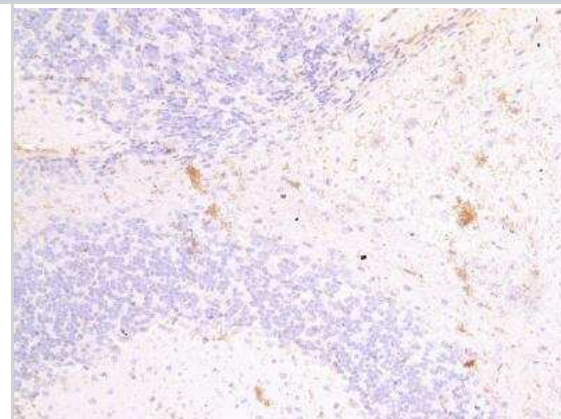
Product Description	
Description	Novus Biologicals Goat Fascin 2 Antibody (NBP1-06036) is a polyclonal antibody validated for use in IHC and ELISA. Anti-Fascin 2 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	25794
Gene Symbol	FSCN2
Species	Mouse
Specificity/Sensitivity	This antibody is expected to recognize both reported isoforms (NP_001070650.1 and NP_036550.1).
Immunogen	Peptide with sequence CHHRGSNQLDTNR corresponding to internal region according to NP_036550.1.

Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunohistochemistry, Peptide ELISA
Recommended Dilutions	Immunohistochemistry, Immunohistochemistry-Paraffin 4 ug/mL, Peptide ELISA Detection limit 1:64000
Application Notes	WB: Preliminary experiments gave bands at approx. 75 kDa band and 22 kDa band in mouse eye lysates after 0.05 ug/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the bands we observe given the calculated size of 57.4 kDa band according to NP_001070650.1 and 55.1 kDa band according to NP_036550.1. Both detected bands were successfully blocked by incubation with the immunizing peptide (and BLAST results with the immunizing peptide sequence did not identify any other proteins to explain the additional bands). IHC-P successful usage on sections of mouse cochlea is reported in scientific literature (PMID: 20660251).



Images

Immunohistochemistry-Paraffin: Fascin 2 Antibody [NBP1-06036] - Staining of paraffin embedded Mouse Brain. Antibody at 4 ug/mL. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.



Publications

Vignjevic D, Kojima S, Aratyn Y et al. Role of fascin in filopodial protrusion. J Biol 2006-09-11 [PMID: 16966425]

Shin JB, Longo-Guess CM, Gagnon LH et al. The R109H variant of fascin-2, a developmentally regulated actin crosslinker in hair-cell stereocilia, underlies early-onset hearing loss of DBA/2J mice. J Neurosci 2010-07-21 [PMID: 20660251] (IHC-P, Mouse)



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Products Related to NBP1-06036

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
NBP3-17368PEP	Fascin 2 Recombinant Protein Antigen

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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