

Datasheet for ABIN2783832
anti-Netrin 4 antibody (N-Term)

3 Images

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Overview

Quantity:	100 µL
Target:	Netrin 4 (NTN4)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Dog, Cow, Rat, Horse, Rabbit, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Netrin 4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human NTN4
Sequence:	EDVHREKIQL DLEAEFYFTH LIVMFKSPRP AAMVLDRSQD FGKTWKPYKY
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against NTN4. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	Netrin 4 (NTN4)
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Target Details

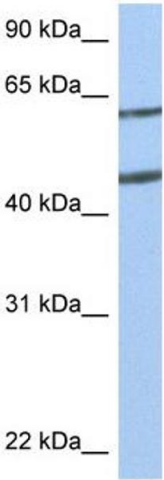
Alternative Name:	NTN4 (NTN4 Products)
Background:	<p>NTN4 contains 3 laminin EGF-like domains, 1 laminin N-terminal domain and 1 NTR domain.</p> <p>NTN4 may play an important role in neural, kidney and vascular development. It promotes neurite elongation from olfactory bulb explants. NTN4 belongs to a family of proteins related to laminins (see LAMA1, MIM 150320) Koch et al. (2000) [PubMed 11038171].[supplied by OMIM].</p> <p>Alias Symbols: FLJ23180, PRO3091</p> <p>Protein Interaction Partner: KRTAP5-9, CDKN1A, ADAMTSL4, PLSCR1,</p> <p>Protein Size: 628</p>
Molecular Weight:	70 kDa
Gene ID:	59277
NCBI Accession:	NM_021229 , NP_067052
UniProt:	Q9HB63

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 628 AA
Restrictions:	For Research Use only

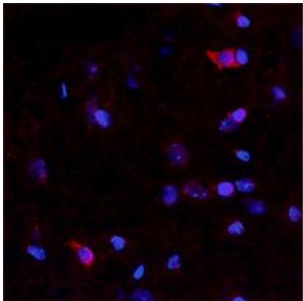
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



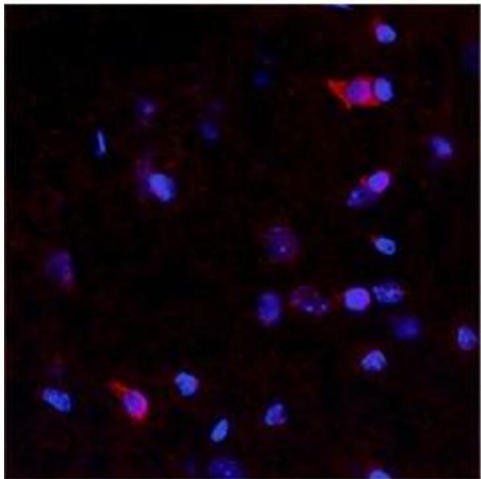
Western Blotting

Image 1. WB Suggested Anti-NTN4 Antibody Titration: 0.2-1 ug/ml Positive Control: MCF7 cell lysate



NTN4 (ARP49645_P050)
Immunohistochemistry
Sample: rat and mouse
Tissue type: Brain Tissue
Dilution: 10ug/ml
Observed: staining in neurons and endothelial cells
Application in forum

Image 2.



Immunohistochemistry

Image 3. rat and mouse brain