Datasheet for ABIN1389025 anti-Netrin 3 antibody (AA 401-500) (Biotin)

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Overview

Quantity:	100 μL	
Target:	Netrin 3 (Ntn3)	
Binding Specificity:	AA 401-500	
Reactivity:	Human, Rat	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This Netrin 3 antibody is conjugated to Biotin	
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))	

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human NTN3/Netrin-3
lsotype:	IgG
Cross-Reactivity:	Human, Rat
Predicted Reactivity:	Mouse,Dog,Cow,Sheep,Pig
Purification:	Purified by Protein A.
Target Details	
Target:	Netrin 3 (Ntn3)
Alternative Name:	NTN3/Netrin-3 (Ntn3 Products)

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Target Details	
Background:	Synonyms: NET3_HUMAN, Netrin-2-like protein, Netrin-3, NTN2L, NTN3.
	Background: Netrin proteins are a family of laminin-related secreted proteins that provide
	guidance signals for axonal growth and cell migration during development. Netrin signaling is
	dependent on the concentration of calcium outside the cell and the level of PKA activity. In
	axonal cells, a reduction in PKA activity converts the responsiveness of the axons to the netrin
	proteins as the cells are repelled, rather than attracted, by the netrin gradient. Neogenin serves
	as the primary guidance receptor for netrin-3. Netrin-2 and the corresponding mouse homolog
	netrin-3 are expressed primarily in the lower two-thirds of the spinal cord, and, like netrin-1, they
	can either attract or repel commissural axons at a distance. Netrin-3 proteins are associated
	with the axon fibers projecting from motor neurons and from neurons within sympathetic and
	sensory ganglia, suggesting that netrin-3 may be involved in pathfinding and fasciculation of
	axon projection. Neogenin serves as the primary guidance receptor for netrin-3. During
	peripheral nerve development, high netrin-3 expression has been detected in mesenchymal
	cells, sensory ganglia and muscles. In humans, the gene encoding for the netrin-3 protein is
	localized to chromosome 16p13.3.
Pathways:	Regulation of Muscle Cell Differentiation
Application Details	
Application Notes:	WB 1:300-5000
	IHC-P 1:200-400
	IHC-F 1:100-500
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 μg/μL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and
	50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be
	handled by trained staff only.

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 Storage Comment:
 Store at -20°C for 12 months.

Expiry Date:

12 months

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