Datasheet for ABIN1406916 anti-Netrin 3 antibody (AA 401-500) (Cy7)

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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 Cy7	
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))	

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human NTN3/Netrin-3
lsotype:	lgG
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:	IF(IHC-P) 1:50-200	
	IF(IHC-F) 1:50-200	
	IF(ICC) 1:50-200	
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.	
Storage:	-20 °C	

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Storage Comment:

Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date:

12 months

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