Datasheet for ABIN1702605

anti-DRAXIN antibody (AA 251-349) (Cy3)

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Overview

Quantity:	100 µL
Target:	DRAXIN
Binding Specificity:	AA 251-349
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DRAXIN antibody is conjugated to Cy3
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human C1orf187
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Cow,Sheep,Pig,Horse,Chicken,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	DRAXIN
Alternative Name:	C1orf187 (DRAXIN Products)
Background:	Synonyms: AGPA3119, C1orf187, Chromosome 1 open reading frame 187, Dorsal inhibitory

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Target Details

	axon guidance protein, Dorsal repulsive axon guidance protein, DRAXI_HUMAN, Draxin, FLJ34999, MGC117222, Neucrin, OTTHUMP00000002262, UNQ3119. Background: C1orf187, also known as Draxin, Dorsal repulsive axon guidance protein and Neucrin, is a 349 amino acid secreted protein that is required of the development of the spinal cord and forebrain commissures. C1orf187 acts as a chemorepulsive guidance protein and directs commissural axons during development by repelling neurite outgrowth from the spinal cord. During development, C1orf187 modulates neural crest migration by reducing the polarization of these cells, leading to reduced velocity of migration and increased frequency of changing direction, leading to a net decrease in migrational distance. It acts as an antagonist of the Wnt signaling pathway by inhibiting the stabilization of cytosolic _-catenin via its interaction with LRP6. C1orf187 inhibits outgrowth from the olfactory bulb and likely contributes to the formation of the lateral olfactory tract.
Gene ID:	374946

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
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months