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Datasheet for ABIN1714294 **anti-DRAXIN antibody (AA 251-349)**

Overview

Quantity:	100 µL
Target:	DRAXIN
Binding Specificity:	AA 251-349
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DRAXIN antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunohistochemistry (Frozen Sections) (IHC (fro))

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)

Target Details

Background:	<p>Synonyms: AGPA3119, C1orf187, Chromosome 1 open reading frame 187, Dorsal inhibitory axon guidance protein, Dorsal repulsive axon guidance protein, DRAXL_HUMAN, Draxin, FLJ34999, MGC117222, Neucrin, OTTHUMP00000002262, UNQ3119.</p> <p>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 β-catenin via its interaction with LRP6. C1orf187 inhibits outgrowth from the olfactory bulb and likely contributes to the formation of the lateral olfactory tract.</p>
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Gene ID:	374946
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Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 ICC 1:100-500
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
Concentration:	1 μ g/ μ L
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % 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.

Handling

Storage:	4 °C,-20 °C
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Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
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Expiry Date:	12 months
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