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Rabbit Anti-C1orf187/Draxin antibody

SL9220R

Product Name:	C1orf187/Draxin
Chinese Name:	1号染色体开放阅读框187抗体
Alias:	AGPA3119; C1orf187; Chromosome 1 open reading frame 187; Dorsal repulsive axon guidance protein; DRAXI_HUMAN; Draxin; Neucrin; UNQ3119.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Pig,Cow,Sheep,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:50-200（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	36kDa
Cellular localization:	Secretory protein
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human C1orf187:261-349/349
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	Chemorepulsive axon guidance protein required for the development of spinal cord and forebrain commissures. Acts as a chemorepulsive guidance protein for commissural axons during development. Able to inhibit or repel neurite outgrowth from dorsal spinal cord. Inhibits the stabilization of cytosolic beta-catenin (CTNNB1) via its interaction with LRP6, thereby acting as an antagonist of Wnt signaling pathway.

Function:
Chemorepulsive axon guidance protein required for the development of spinal cord and forebrain commissures. Acts as a chemorepulsive guidance protein for commissural axons during development. Able to inhibit or repel neurite outgrowth from dorsal spinal cord. Inhibits the stabilization of cytosolic beta-catenin (CTNNB1) via its interaction with LRP6, thereby acting as an antagonist of Wnt signaling pathway (By similarity).

Subunit:
Interacts with LRP6 (By similarity).

Subcellular Location:
Secreted.

Similarity:
Belongs to the draxin family.

SWISS:
Q8NBI3

Gene ID:
374946

Database links:

Entrez Gene: 374946Human

Entrez Gene: 70433Mouse

Entrez Gene: 691317Rat

Omim: 612682Human

SwissProt: Q8NBI3Human

SwissProt: Q6PAL1Mouse

Unigene: 632364Human

Unigene: 733197Human

Unigene: 275288Mouse

Important Note:
This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.