

ARG44814 anti-DRAXIN antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody recognizes DRAXIN
Tested Reactivity	Hu
Tested Application	IHC-P
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Target Name	DRAXIN
Species	Human
Epitope	GALAPGTPAR NLPENHIDLP GPALWTPQAS HRRRGPGKK EWGPGLPSQA QDGAVVTATR QASRLPEAEG LLPEQSPAGL LQDKDLLGL ALPYEKENR PPGWERTKR SREHKRRDR LRLHQGRALV RGPSSLMKKA ELSEAQVLD A MEESSTSLA PTMFFLTTF AAPATEESLI LPVTSRPPQ AQPRSDGEVM PTLDMALFDW TDYEDLKP DG WPSAKKKEKH RGLSSDGNE TSPAEGPCD HHQDCLPGTC CDLREHLCTP HNRGLNNKCF DDCMCVEGLR CYAKFHRNRR VTRRKGRCVE PETANGDQGS FINV
Conjugation	Un-conjugated
Alternate Names	DRAXIN; Dorsal Inhibitory Axon Guidance Protein; Neucrin; Dorsal Repulsive Axon Guidance Protein; C1orf187; Neural Tissue-Specific Cysteine-Rich Protein; FLJ34999; Draxin; Chromosome 1 Open Reading Frame 187; AGPA3119; UNQ3119

Application Instructions

Application table	Application	Dilution
	IHC-P	1:200
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

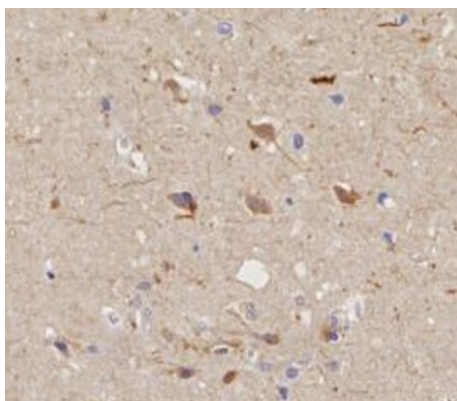
Properties

Form	Liquid
Purification	Protein A purification
Buffer	PBS with 0.09% sodium azide
Preservative	0.09% sodium azide
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	DRAXIN
Gene Full Name	Dorsal Inhibitory Axon Guidance Protein
Background	Predicted to be involved in negative regulation of canonical Wnt signaling pathway; negative regulation of neuron projection development; and nervous system development. Predicted to act upstream of or within negative regulation of axon extension and negative regulation of neuron apoptotic process. Predicted to be active in extracellular region. [provided by Alliance of Genome Resources, Apr 2022]
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. [Uniprot]
PTM	Glycoprotein. [Uniprot]
Cellular Localization	Secreted. [Uniprot]

Images



ARG44814 anti-DRAXIN antibody IHC-P image

Immunohistochemistry: Human brain stained with ARG44814 anti-DRAXIN antibody at 5 µg/mL dilution.