

ARG64871 anti-UNC5C antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes UNC5C
Tested Reactivity	Hu, Ms
Predict Reactivity	Dog
Tested Application	ICC/IF, IHC-P
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	UNC5C
Species	Human
Immunogen	NCTVSEPTGID
Conjugation	Un-conjugated
Alternate Names	UNC5H3; Protein unc-5 homolog C; Protein unc-5 homolog 3; Netrin receptor UNC5C

Application Instructions

Application table	Application	Dilution
	ICC/IF	Assay - dependent
	IHC-P	3 - 5 µg/ml
Application Note	IHC-P: Antigen Retrieval: In Citrate buffer. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

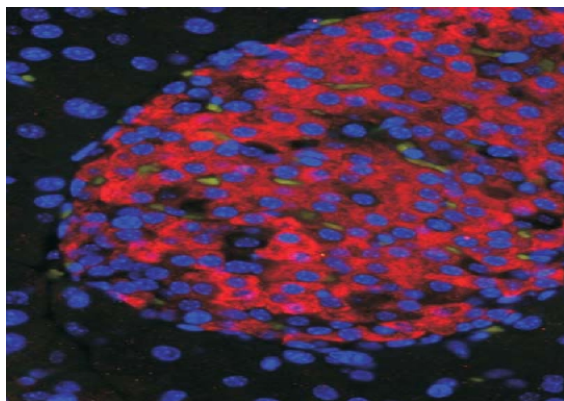
Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
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.

Bioinformation

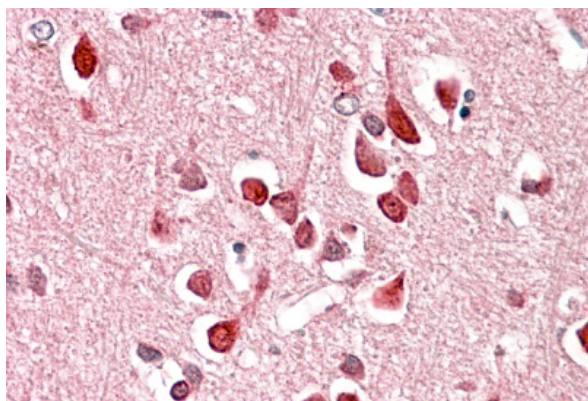
Database links	GeneID: 22253 Mouse GeneID: 8633 Human Swiss-port # O08747 Mouse Swiss-port # O95185 Human
Background	This gene product belongs to the UNC-5 family of netrin receptors. Netrins are secreted proteins that direct axon extension and cell migration during neural development. They are bifunctional proteins that act as attractants for some cell types and as repellents for others, and these opposite actions are thought to be mediated by two classes of receptors. The UNC-5 family of receptors mediate the repellent response to netrin; they are transmembrane proteins containing 2 immunoglobulin (Ig)-like domains and 2 type I thrombospondin motifs in the extracellular region. [provided by RefSeq, Jul 2008]
Research Area	Developmental Biology antibody; Neuroscience antibody
Calculated Mw	103 kDa
PTM	Proteolytically cleaved by caspases during apoptosis. The cleavage does not take place when the receptor is associated with netrin ligand. Its cleavage by caspases is required to induce apoptosis. Phosphorylated on different cytoplasmic tyrosine residues. Phosphorylation of Tyr-568 leads to an interaction with PTPN11 phosphatase, suggesting that its activity is regulated by phosphorylation/dephosphorylation. Tyrosine phosphorylation is netrin-dependent.

Images



ARG64871 anti-UNC5C antibody IHC image

Immunohistochemistry Mouse Pancreas stained with ARG64871 anti-UNC5C antibody (50ug/ml). Citrate antigen retrieval. Detected by immunofluorescence.



ARG64871 anti-UNC5C antibody IHC-P image

Immunohistochemistry: paraffin embedded Human Cerebral Cortex. (Steamed antigen retrieval with citrate buffer pH 6) stained with ARG64871 anti-UNC5C antibody at 3.8 µg/ml dilution followed by AP-staining.