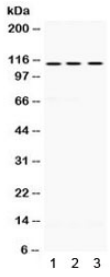
UNC5C Antibody (R31843)

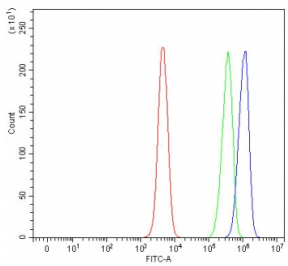
Catalog No.	Formulation	Size
R31843	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
UniProt	O95185
Applications	Western blot: 0.1-0.5ug/ml Flow cytometry: 1-3ug/million cells
Limitations	This UNC5C antibody is available for research use only.



Western blot testing of 1) rat brain, 2) mouse brain and 3) human HeLa lysate with UNC5C antibody. Predicted molecular weight ~103 kDa, observed here at ~115 kDa.



Flow cytometry testing of human SH-SY5Y cells with UNC5C antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= UNC5C antibody.

Description

Netrin receptor UNC5C is a protein that in humans is encoded by the UNC5C gene. 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 mediates 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.

Application Notes

Optimal dilution of the UNC5C antibody should be determined by the researcher.

Immunogen

Amino acids DLWEAQNFPDGNLSMLAAVLEEMGRHETVVSLAAEGQ of human UNC5C were used as the immunogen for the UNC5C antibody.

Storage

After reconstitution, the UNC5C antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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