UNC5C Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	UNC5C, Polyclonal Antibody
Full Product Name	UNC5C Polyclonal Antibody
Product Gene Name	anti-UNC5C antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.
Purity/Purification	Affinity Purification
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.
Molecular Weight	66kDa; 103kDa
OMIM	603610
3D Structure	ModBase 3D Structure for O95185
Immunogen	Recombinant protein of human UNC5C (NP_003719.3).
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-UNC5C antibody	Western Blot (WB)
Application Notes for anti-UNC5C antibody	WB: 1:500-1:2000
Related Product Information for anti-UNC5C antibody	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.
Other Notes	Small volumes of anti-UNC5C antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for UNC5C purchase	MBS8569497 is an antibody targeting UNC5C. Also known as UNC5C Polyclonal Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for UNC5C. It may not necessarily be applicable to this product.

NCBI GI #	229462767
NCBI GeneID	8633
NCBI Accession #	O95185.2

UniProt Primary Accession #	O95185
UniProt Related Accession #	O95185
NCBI Official Full Name	Netrin receptor UNC5C
NCBI Official Synonym Full Names	unc-5 netrin receptor C
NCBI Official Symbol	UNC5C
NCBI Official Synonym Symbols	UNC5H3
UniProt Protein Name	Netrin receptor UNC5C
UniProt Synonym Protein Names	Protein unc-5 homolog 3; Protein unc-5 homolog C
Protein Family	Netrin receptor
UniProt Gene Name	UNC5C
UniProt Synonym Gene Names	UNC5H3
UniProt Entry Name	UNC5C_HUMAN
NCBI Protein Information	netrin receptor UNC5C
UniProt Comments for UNC5C	UNC5C: Receptor for netrin required for axon guidance. Mediates axon repulsion of neuronal growth cones in the developing nervous system upon ligand binding. Axon repulsion in growth cones may be caused by its association with DCC that may trigger signaling for repulsion. Also involved in corticospinal tract axon guidances independently of DCC. It also acts as a dependence receptor required for apoptosis induction when not associated with netrin ligand. Belongs to the unc-5 family. 2 isoforms of the human protein are produced by alternative splicing. Protein type: Membrane protein, integral; Receptor, misc. Chromosomal Location of Human Ortholog: 4q21-q23 Cellular Component: integral to membrane; plasma membrane Molecular Function: netrin receptor activity Biological Process: axon guidance; apoptosis; positive regulation of apoptosis; brain development; regulation of cell migration; anterior/posterior axon guidance
Research Articles on UNC5C	**1.** Promoter Hypermethylation of UNC5C Gene is associated with Colorectal Cancer.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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