

UNC5B Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant UNC5B.

Catalog # AT4471a

Product Information

Application	WB, E
Primary Accession	Q8IZJ1
Other Accession	NM_170744
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG1 kappa
Clone Names	1A9
Calculated MW	103638

Additional Information

Gene ID	219699
Other Names	Netrin receptor UNC5B, Protein unc-5 homolog 2, Protein unc-5 homolog B, p53-regulated receptor for death and life protein 1, UNC5B, P53RDL1, UNC5H2
Target/Specificity	UNC5B (NP_734465, 27 a.a. ~ 126 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	UNC5B Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

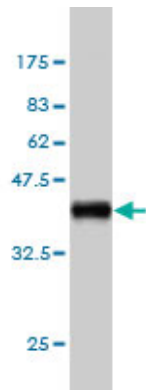
UNC5B belongs to a family of netrin-1 (MIM 601614) receptors thought to mediate the chemorepulsive effect of netrin-1 on specific axons. For more information on UNC5 proteins, see UNC5C (MIM 603610).

References

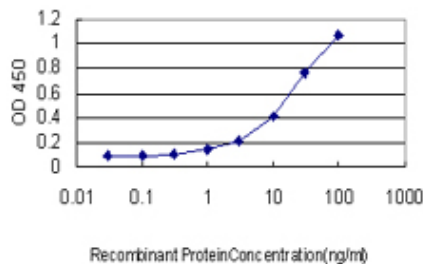
Personalized smoking cessation: interactions between nicotine dose, dependence and quit-success genotype score. Rose JE, et al. Mol Med, 2010 Jul-Aug. PMID 20379614.Characterization and expression of netrin-1 and its receptors UNC5B and DCC in human placenta. Dakouane-Giudicelli M, et al. J Histochem Cytochem, 2010

Jan. PMID 19826074. Role of the netrin system of repellent factors on synovial fibroblasts in rheumatoid arthritis and osteoarthritis. Schubert T, et al. Int J Immunopathol Pharmacol, 2009 Jul-Sep. PMID 19822088. Unc5B associates with LARG to mediate the action of repulsive guidance molecule. Hata K, et al. J Cell Biol, 2009 Mar 9. PMID 19273616. Molecular genetics of adult ADHD: converging evidence from genome-wide association and extended pedigree linkage studies. Lesch KP, et al. J Neural Transm, 2008 Nov. PMID 18839057.

Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 kDa) .



Detection limit for recombinant GST tagged UNC5B is approximately 1 ng/ml as a capture antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.