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GEMIN7 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant GEMIN7.
Catalog # AT2190a

Product Information

Application	WB, E
Primary Accession	Q9H840
Other Accession	BC007793
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG1 Kappa
Clone Names	2E3
Calculated MW	14537

Additional Information

Gene ID	79760
Other Names	Gem-associated protein 7, Gemin-7, SIP3, GEMIN7
Target/Specificity	GEMIN7 (AAH07793, 1 a.a. ~ 131 a.a) full-length 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	GEMIN7 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

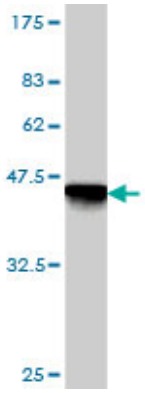
The protein encoded by this gene is a component of the core SMN complex, which is required for pre-mRNA splicing in the nucleus. The encoded protein is found in the nucleoplasm, in nuclear gems (Gemini of Cajal bodies), and in the cytoplasm. Three transcript variants encoding the same protein have been found for this gene.

References

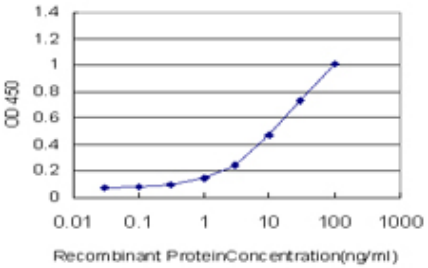
Gemin8 is required for the architecture and function of the survival motor neuron complex. Carissimi C, et al. J Biol Chem, 2006 Dec 1. PMID 17023415.Identification of intrahepatic cholangiocarcinoma related genes by comparison with normal liver tissues using expressed sequence tags. Wang AG, et al. Biochem Biophys

Res Commun, 2006 Jul 7. PMID 16712791.Towards a proteome-scale map of the human protein-protein interaction network. Rual JF, et al. Nature, 2005 Oct 20. PMID 16189514.A human protein-protein interaction network: a resource for annotating the proteome. Stelzl U, et al. Cell, 2005 Sep 23. PMID 16169070.Unrip, a factor implicated in cap-independent translation, associates with the cytosolic SMN complex and influences its intracellular localization. Grimmler M, et al. Hum Mol Genet, 2005 Oct 15. PMID 16159890.

Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (40.15 KDa) .



Detection limit for recombinant GST tagged GEMIN7 is approximately 0.3ng/ml as a capture antibody.

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