

GEMIN6 Antibody (monoclonal) (M08)

Mouse monoclonal antibody raised against a full length recombinant GEMIN6.

Catalog # AT2189a

Product Information

Application	WB, E
Primary Accession	Q8WXD5
Other Accession	BC018195
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2b Kappa
Clone Names	3D2
Calculated MW	18824

Additional Information

Gene ID	79833
Other Names	Gem-associated protein 6, Gemin-6, SIP2, GEMIN6
Target/Specificity	GEMIN6 (AAH18195, 1 a.a. ~ 167 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	GEMIN6 Antibody (monoclonal) (M08) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

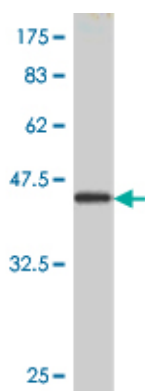
GEMIN6 is part of a large macromolecular complex, localized to both the cytoplasm and the nucleus, that plays a role in the cytoplasmic assembly of small nuclear ribonucleoproteins (snRNPs). Other members of this complex include SMN (MIM 600354), GEMIN2 (SIP1; MIM 602595), GEMIN3 (DDX20; MIM 606168), GEMIN4 (MIM 606969), and GEMIN5 (MIM 607005).

References

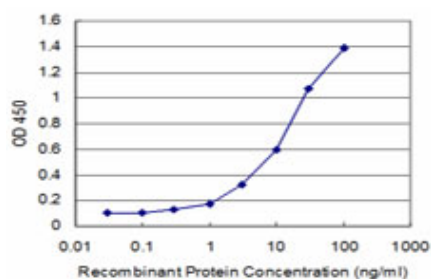
Mammalian BTBD12/SLX4 assembles a Holliday junction resolvase and is required for DNA repair. Svendsen JM, et al. Cell, 2009 Jul 10. PMID 19596235. Gemin8 is required for the architecture and function of the survival motor neuron complex. Carissimi C, et al. J Biol Chem, 2006 Dec 1. PMID 17023415. Towards a

proteome-scale map of the human protein-protein interaction network. Rual JF, et al. Nature, 2005 Oct 20. PMID 16189514. The Gemin6-Gemin7 heterodimer from the survival of motor neurons complex has an Sm protein-like structure. Ma Y, et al. Structure, 2005 Jun. PMID 15939020. Unrip is a component of SMN complexes active in snRNP assembly. Carissimi C, et al. FEBS Lett, 2005 Apr 25. PMID 15848170.

Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (44.11 KDa) .



Detection limit for recombinant GST tagged GEMIN6 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'.