Gemin 1 Rabbit mAb

Catalog No: #49931

Package Size: #49931-1 50ul #49931-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

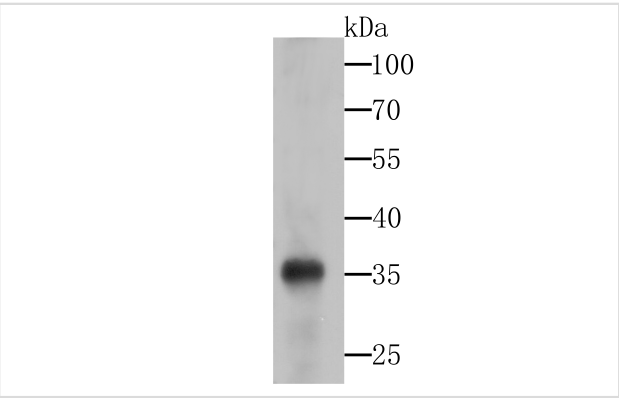
Description

Product Name	Gemin 1 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	JG38-19
Purification	ProA affinity purified
Applications	WB,IHC,IP
Species Reactivity	Hu, Ms, Rt
Immunogen Description	Recombinant protein within human Gemin 1 aa 1-200.
Other Names	BCD541 antibody Component of gems 1 antibody Gemin 1 antibody Gemin-1 antibody OTTHUMP00000125198 antibody OTTHUMP00000223567 antibody OTTHUMP00000223568 antibody OTTHUMP00000224066 antibody OTTHUMP00000226924 antibody SMA 1 antibody SMA 2 antibody SMA 3 antibody SMA 4 antibody SMA antibody SMA@ antibody SMA1 antibody SMA2 antibody SMA3 antibody SMA4 antibody SMN antibody SMN_HUMAN antibody SMN1 antibody SMN2 antibody SMNT antibody Survival motor neuron protein antibody Survival of motor neuron 1, telomeric antibody T-BCD541 antibody
Accession No.	Swiss-Prot#:Q16637
Uniprot	Q16637
GeneID	6606;6607;
Calculated MW	32 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

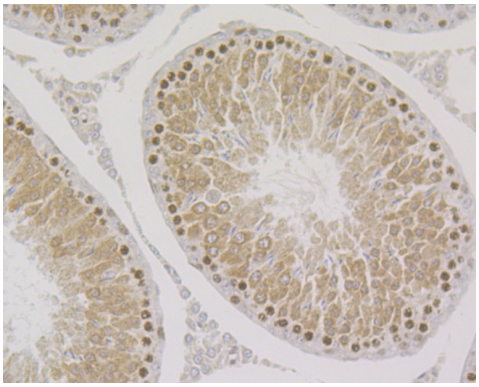
Application Details

WB: 1:500-1:1,000 IHC: 1:50-1:200IP: 1:10-1:50

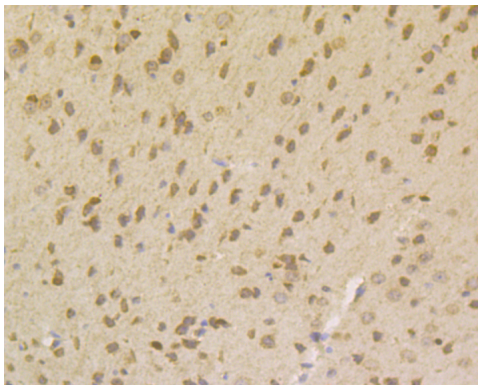
Images



Western blot analysis of Gemin 1 on SiHa cell lysates using anti-Gemin 1 at 1/500 dilution.



Immunohistochemical analysis of paraffin-embedded rat testis tissue using anti-Gemin 1 antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue using anti-Gemin 1 antibody. Counter stained with hematoxylin.

Background

The SMN complex plays a catalyst role in the assembly of small nuclear ribonucleoproteins (snRNPs), the building blocks of the spliceosome. Thereby, plays an important role in the splicing of cellular pre-mRNAs. Ensures the correct splicing of U12 intron-containing genes that may be important for normal motor and proprioceptive neurons development. Also required for resolving RNA-DNA hybrids created by RNA polymerase II, that form R-loop in transcription terminal regions, an important step in proper transcription termination. May also play a role in the metabolism of small nucleolar ribonucleoprotein (snoRNPs).

References

Note: This product is for in vitro research use only