
Product Name: KD-Validated GEMIN8 Mouse Monoclonal Antibody**Catalog #: KVA00534**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Mouse
Application	WB
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Mouse mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:200-1:1,000
Molecular Weight	Calculated MW: 28.6kDa

Antigen Information

Gene Name	GEMIN8 GEMIN8; Gem Nuclear Organelle Associated Protein 8; FAM51A1; Family With Sequence
Alternative Names	Similarity 51, Member A1; Gem-Associated Protein 8; FLJ20514; Gemin-8; Gem (Nuclear Organelle) Associated Protein 8; Protein FAM51A1
Gene ID	54960.0
SwissProt ID	Q9NWZ8
Immunogen	Recombinant protein of human GEMIN8

Background

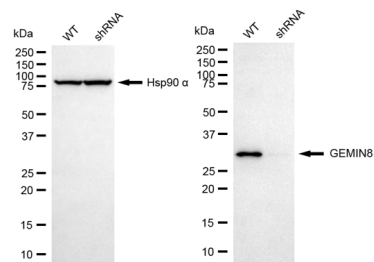
The protein encoded by this gene is part of the SMN complex, which is necessary for spliceosomal snRNP assembly in the cytoplasm and pre-mRNA splicing in the nucleus. The encoded protein binds to both SMN1 and the GEMIN6/GEMIN7

heterodimer, mediating their interaction. This protein is found in nuclear Gemini of Cajal bodies (gems) and in the cytoplasm. Three transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, May 2010]

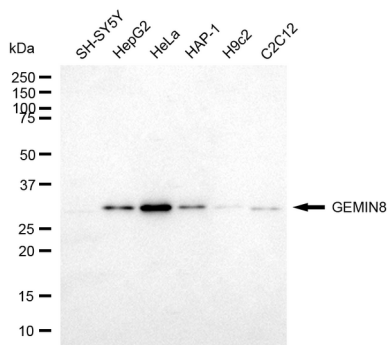
Research Area

Cell Biology

Image Data



Western blotting analysis using GEMIN8 antibody (KVA00534). GEMIN8 expression in wild-type (WT) and GEMIN8 shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with GEMIN8 antibody (KVA00534, 1:1,000) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.



Western blotting analysis using GEMIN8 antibody (KVA00534). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with GEMIN8 antibody (KVA00534, 1:1,000) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.