

Rabbit GEMIN6 Polyclonal Antibody | anti-GEMIN6 antibody

GEMIN6 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328661	Rabbit	Human, Mouse, RatPredicted: Pig, Bovine, Horse, Sheep, Rabbit, Dog, Chicken	Western Blot

PRODUCT SYNONYMS

GEMIN6; Polyclonal Antibody; GEMIN6 Antibody; FLJ23459; Gem (nuclear organelle) associated protein 6; Gem-associated protein 6; GEMI6; GEMI6_HUMAN; Gemin-6; Gemin6; SIP2; anti-GEMIN6 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted: Pig, Bovine, Horse, Sheep, Rabbit, Dog, Chicken
Clonality	Polyclonal
Isotype	IgG
Specificity	GEMIN6 Antibody detects endogenous levels of GEMIN6.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid; Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	167
Applicable Applications for anti-GEMIN6 antibody	WB (Western Blot)
Immunogen	A synthesized peptide derived from human GEMIN6.
Fragment	Fab Fragment
Conjugate	Unconjugated
Subcellular Location	Nucleus
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from HEK-293 cells, using GEMIN6 Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-GEMIN6 antibody	Description: 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. Most spliceosomal snRNPs contain a common set of Sm proteins SNRPB, SNRPD1, SNRPD2, SNRPD3, SNRPE, SNRPF and SNRPG that assemble in a heptameric protein ring on the Sm site of the small nuclear RNA to form the core snRNP. In the cytosol, the Sm proteins SNRPD1, SNRPD2, SNRPE, SNRPF and SNRPG are trapped in an inactive 6S pICln-Sm complex by the chaperone CLNS1A that controls the assembly of the core snRNP. Dissociation by the SMN complex of CLNS1A from the trapped Sm proteins and their transfer to an SMN-Sm complex triggers the assembly of core snRNPs and their transport to the nucleus. Subunit Structure: Part of the core SMN complex that contains SMN1, GEMIN2/SIP1, DDX20/GEMIN3, GEMIN4, GEMIN5, GEMIN6, GEMIN7, GEMIN8 and STRAP/UNRIP. Part of the SMN-Sm complex that contains SMN1, GEMIN2/SIP1, DDX20/GEMIN3, GEMIN4, GEMIN5, GEMIN6, GEMIN7, GEMIN8, STRAP/UNRIP and the Sm proteins SNRPB, SNRPD1, SNRPD2, SNRPD3, SNRPE, SNRPF and SNRPG. Interacts directly with GEMIN7, SNRPB, SNRPD2, SNRPD3 and SNRPE.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	41393577
NCBI GeneID	79833
NCBI Accession #	NP_079051.9
NCBI GenBank Nucleotide #	NP_079051.9
UniProt Accession #	Q8WXD5
Molecular Weight	Observed: 19 kDa Predicted: 19 kDa
NCBI Official Full Name	gem-associated protein 6
NCBI Official Synonym Full Names	gem nuclear organelle associated protein 6
NCBI Official Symbol	GEMIN6
NCBI Protein Information	gem-associated protein 6
UniProt Protein Name	Gem-associated protein 6
UniProt Gene Name	GEMIN6
UniProt Synonym Gene Names	Gemin-6

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/gemin6-antibody-western-blot-elisa/328661>