

Rabbit GEMIN2 Polyclonal Antibody | anti-GEMIN2 antibody

GEMIN2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA301480	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

GEMIN2; Polyclonal Antibody; GEMIN2 Antibody; gem (nuclear organelle) associated protein 2; SIP1; SIP1-delta; anti-GEMIN2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total GEMIN2 protein.
Form/Format	Supplied at 1.3mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.3, 0.05% sodium azide and 50% glycerol.
Sequence Length	280
Applicable Applications for anti-GEMIN2 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to a region derived from 264-280 amino acids of human gem (nuclear organelle) associated protein 2
Target Name	GEMIN2
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded human ovarian cancer tissue using 31266 (GEMIN2 Antibody) at dilution 1/40, on the right is treated with the synthetic peptide.



Application Data

Gel: 10%SDS-PAGE
Lane1: K562 cell lysate
Lane2: HeLa cell lysate
Lysates: 40 ug per lane
Primary antibody: 1/400 dilution
Secondary antibody: Goat anti Rabbit IgG - H&L (HRP) at 1/10000 dilution
Exposure time: 2 minutes

ADDITIONAL INFORMATION

Related Product Information for anti-GEMIN2 antibody	This gene encodes one of the proteins found in the SMN complex, which consists of several gemin proteins and the protein known as the survival of motor neuron protein. The SMN complex is localized to a subnuclear compartment called gems (gemini of coiled bodies) and is required for assembly of spliceosomal snRNPs and for pre-mRNA splicing. This protein interacts directly with the survival of motor neuron protein and it is required for formation of the SMN complex. A knockout mouse targeting the mouse homolog of this gene exhibited disrupted snRNP assembly and motor neuron degeneration.
Product Categories/Family for anti-GEMIN2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506961
NCBI GeneID	8487
NCBI Accession #	NP_003607.1
NCBI GenBank Nucleotide #	NM_003616.2
Molecular Weight	4,826 Da
NCBI Official Full Name	gem-associated protein 2 isoform alpha
NCBI Official Synonym Full Names	gem (nuclear organelle) associated protein 2
NCBI Official Symbol	GEMIN2
NCBI Official Synonym Symbols	SIP1; SIP1-delta
NCBI Protein Information	gem-associated protein 2
UniProt Protein Name	Gem-associated protein 2
UniProt Gene Name	GEMIN2
UniProt Synonym Gene Names	SIP1; Gemin-2; SMN-interacting protein 1
UniProt Entry Name	GEMI2_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/gemin2-antibody-immunohistochemistry-western-blot-elisa/301480>