

Rabbit anti-Human GEMIN8 Polyclonal Antibody | anti-GEMIN8 antibody

GEMIN8 Antibody

CATALOG # AAA118416	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
-------------------------------	-----------------------	----------------------------	--

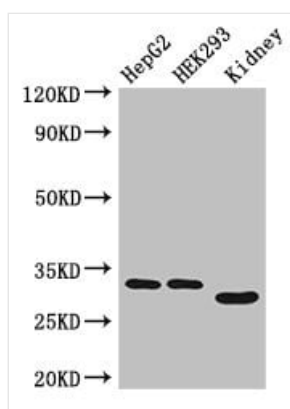
PRODUCT SYNONYMS

GEMIN8; Polyclonal Antibody; GEMIN8 Antibody; Gem-associated protein 8; Gemin-8; FAM51A1; Protein FAM51A1; anti-GEMIN8 antibody

PRODUCT SPECIFICATIONS

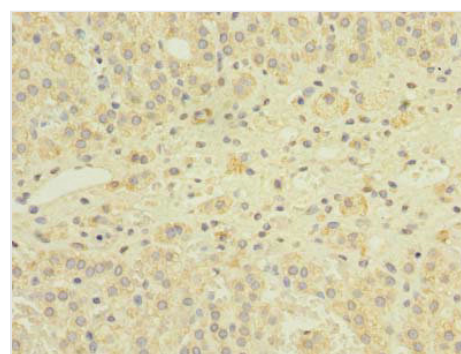
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G Purified
Sequence Length	242
Applicable Applications for anti-GEMIN8 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Conjugate	Non-conjugated
Immunogen	Recombinant human Gem-associated protein 8 protein
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-66380 / sc-66381 / sc-68374 / sc-68375
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



WB (Western Blot)

Western Blot Positive WB detected in: HepG2 whole cell lysate, HEK293 whole cell lysate, Mouse kidney tissue. All lanes: GEMIN8 antibody at 4ug/ml. Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 29 kDa. Observed band size: 29,33 kDa.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human adrenal gland tissue using AAA118416 at dilution of 1:100.

ADDITIONAL INFORMATION

Related Product Information for anti-GEMIN8 antibody	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.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	109715864
NCBI GeneID	54960
NCBI Accession #	NP_001035944.1
NCBI GenBank Nucleotide #	NM_001042479.1
UniProt Accession #	Q9NWZ8; Q2LJ66; Q6ZV27; C4AMC4
Molecular Weight	28,637 Da
NCBI Official Full Name	gem-associated protein 8
NCBI Official Synonym Full Names	gem nuclear organelle associated protein 8
NCBI Official Symbol	GEMIN8
NCBI Official Synonym Symbols	FAM51A1
NCBI Protein Information	gem-associated protein 8
UniProt Protein Name	Gem-associated protein 8
UniProt Gene Name	GEMIN8
UniProt Synonym Gene Names	FAM51A1; Gemin-8
UniProt Entry Name	GEMI8_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.