GEMIN8 Antibody

PACO41194

Product Information

Size:

50ug

Reactivity:

Human, Mouse

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IHC

Recommended dilutions:

ELISA:1:2000-1:10000, WB:1:500-1:5000, IHC:1:20-1:200

Protein 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. 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.

Gene ID:

GEMIN8

Uniprot

Q9NWZ8

Synonyms:

Gem-associated protein 8 (Gemin-8) (Protein FAM51A1), GEMIN8, FAM51A1

Immunogen:

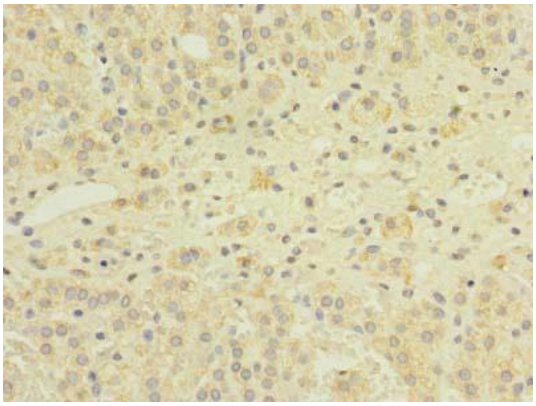
Recombinant Human Gem-associated protein 8 protein (1-242AA).

Storage:

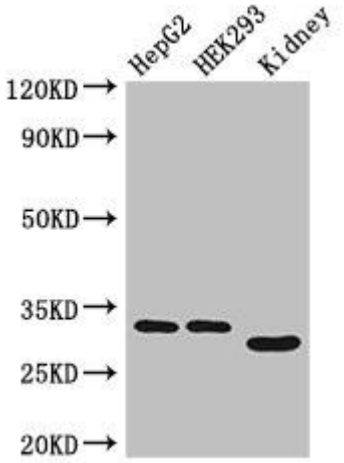
Preservative: 0.03% Proclin 300. Constituents: 50% Glycerol, 0.01M PBS, PH 7.4

 info@assaygenie.com

Product Images



Immunohistochemistry of paraffin-embedded human adrenal gland tissue using PACO41194 at dilution of 1:100.



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

