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SIP1 Antibody (C-term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20725c

Specification

SIP1 Antibody (C-term) - Product Information

Application	**WB,E**
Primary Accession	O14893, Q9R0G7
Reactivity	**Human, Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**

SIP1 Antibody (C-term) - Additional Information

Other Names
Gem-associated protein 2, Gemin-2, Component of gems 2, Survival of motor neuron protein-interacting protein 1, SMN-interacting protein 1, GEMIN2, SIP1

Target/Specificity
This SIP1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 244-277 amino acids from the C-terminal region of human SIP1.

Dilution
WB~~1:1000
E~~Use at an assay dependent concentration.

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
SIP1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

SIP1 Antibody (C-term) - Protein Information

SIP1 Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot

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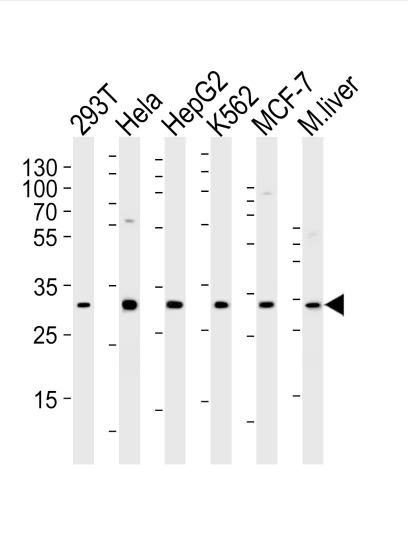
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

SIP1 Antibody (C-term) - Images



Western blot analysis of lysates from 293T, Hela, HepG2, K562, MCF-7 cell line and mouse liver tissue lysate (from left to right), using SIP1 Antibody (C-term) (Cat. #AP20725c). AP20725c was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35ug per lane.

SIP1 Antibody (C-term) - 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.

SIP1 Antibody (C-term) - References

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