

SMU1 Antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI16129**Specification**

SMU1 Antibody - N-terminal region - Product Information

Application	WB
Primary Accession	Q2TAY7
Other Accession	NP_060695
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	56kDa KDa

SMU1 Antibody - N-terminal region - Additional Information**Gene ID** 55234**Alias Symbol** SMU1,
Other Names

WD40 repeat-containing protein SMU1, Smu-1 suppressor of mec-8 and unc-52 protein homolog, WD40 repeat-containing protein SMU1, N-terminally processed, SMU1

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 µl of distilled water. Final Anti-SMU1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycles.

Precautions

SMU1 Antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

SMU1 Antibody - N-terminal region - Protein Information**Name** SMU1**Function**

Involved in pre-mRNA splicing as a component of the spliceosome (PubMed:28781166). Regulates alternative splicing of the HSPG2 pre-mRNA (By similarity). Required for normal accumulation of IK (PubMed:24945353). Required for normal mitotic spindle assembly and normal progress through mitosis (By similarity).

Cellular Location

Cytoplasm {ECO:0000250|UniProtKB:Q99M63}. Nucleus. Nucleus speckle {ECO:0000250|UniProtKB:Q76B40}. Note=Colocalizes with SRSF1 in nuclear speckles.

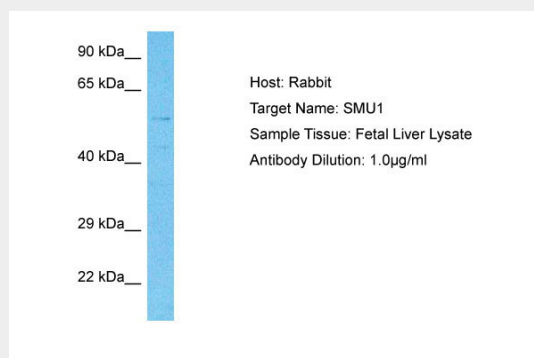
{ECO:0000250|UniProtKB:Q76B40}

SMU1 Antibody - N-terminal region - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

SMU1 Antibody - N-terminal region - Images



Host: Rabbit
Target Name: SMU1
Sample Tissue: Fetal Liver lysates
Antibody Dilution: 1.0µg/ml

SMU1 Antibody - N-terminal region - References

Ota T., et al. Nat. Genet. 36:40-45(2004).
Humphray S.J., et al. Nature 429:369-374(2004).
Bienvenut W.V., et al. Submitted (DEC-2008) to UniProtKB.
Gauci S., et al. Anal. Chem. 81:4493-4501(2009).
Burkard T.R., et al. BMC Syst. Biol. 5:17-17(2011).