

SMU1 Antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI14064**Specification**

SMU1 Antibody - N-terminal region - Product Information

Application	WB
Primary Accession	Q2TAY7
Other Accession	NM_018225 , NP_060695
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	56kDa kDa

SMU1 Antibody - N-terminal region - Additional Information**Gene ID** 55234**Alias Symbol** **BWD, RP11-54K16.3, SMU-1, fSAP57****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](http://www.uniprot.org/citations/28781166)). Regulates alternative splicing of the HSPG2 pre-mRNA (By similarity). Required for normal accumulation of IK (PubMed: [24945353](http://www.uniprot.org/citations/24945353)). Required for normal mitotic spindle assembly and normal progress through mitosis (By similarity).

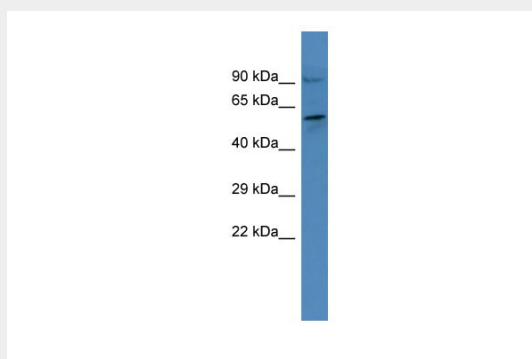
Cellular Location

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: COLO205 Whole cell lysate
s
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).