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# 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 &mu, l 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:<a href="http://www.uniprot.org/citations/28781166" target="_blank">28781166</a>). Regulates alternative splicing of the HSPG2 pre-mRNA (By similarity). Required for normal accumulation of IK (PubMed:<a href="http://www.uniprot.org/citations/24945353" target="_blank">24945353</a>). Required for normal mitotic spindle assembly and normal progress through mitosis (By similarity).

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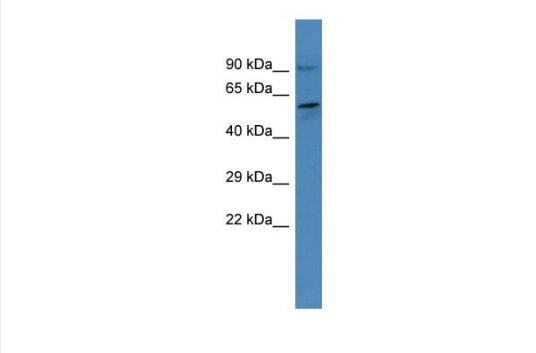
**Cellular Location**
Cytoplasm {ECO:0000250|UniProtKB:Q99M63}. Nucleus. Nucleus speckle {ECO:0000250|UniProtKB:Q76B40}. Note=Colocalizes with SRSF1 in nuclear speckles. {ECO:0000250|UniProtKB:Q76B40}

## 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 Cytomety
- 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).