

**SMU1 Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP54918****Specification****SMU1 Polyclonal Antibody - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | IHC-P, IHC-F, IF, ICC  |
| Primary Accession | <a href="#">Q2TAY7</a> |
| Reactivity        | Rat, Pig, Dog, Bovine  |
| Host              | Rabbit                 |
| Clonality         | Polyclonal             |
| Calculated MW     | 57544                  |

**SMU1 Polyclonal Antibody - Additional Information****Gene ID** 55234**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

**Dilution**

IHC-P ~ ~ N/A  
IHC-F ~ ~ N/A  
IF ~ ~ 1:50 ~ 200  
ICC ~ ~ N/A

**Storage**

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

**SMU1 Polyclonal Antibody - 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 Polyclonal Antibody - 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 Polyclonal Antibody - Images**