10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

SMU1 Antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI14064

Product Information

Application	WB
Primary Accession	Q2TAY7
Other Accession	NM_018225, NP_060695
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Guinea Pig, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	57544

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.

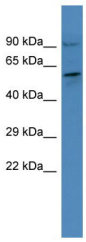
Protein Information

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}

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).

Images



Host: Rabbit
Target Name: SMU1
Sample Tissue: COLO205 Whole cell lysate
s
Antibody Dilution: 1.0µg/ml

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.