

SAMD4A antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI13601**Specification**

SAMD4A antibody - middle region - Product Information

Application	WB
Primary Accession	Q9UPU9
Other Accession	NM_015589 , NP_056404
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Predicted	Rat, Rabbit, Pig, Chicken, Horse, Bovine, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	79kDa KDa

SAMD4A antibody - middle region - Additional Information**Gene ID** 23034**Alias Symbol** DKFZp434H0350, KIAA1053, SAMD4, SMG, SMGA, Smaug, Smaug1, SMAUG, SMAUG1**Other Names**

Protein Smaug homolog 1, Smaug 1, hSmaug1, Sterile alpha motif domain-containing protein 4A, SAM domain-containing protein 4A, SAMD4A, KIAA1053, SAMD4, SMAUG1

Format

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

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-SAMD4A 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

SAMD4A antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

SAMD4A antibody - middle region - Protein Information**Name** SAMD4A**Synonyms** KIAA1053, SAMD4, SMAUG1**Function**

Acts as a translational repressor of SRE-containing messengers.

Cellular Location

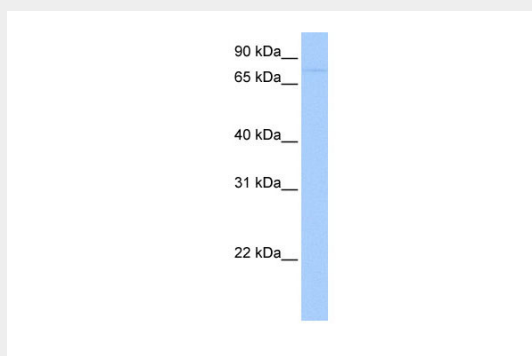
Cytoplasm. Cell projection, dendrite. Synapse, synaptosome Note=Enriched in synaptoneurosomes (By similarity). Shuttles between the nucleus and the cytoplasm in a CRM1-dependent manner. Colocalizes throughout the cytoplasm in granules with polyadenylated RNAs, PABPC1 and STAU1. Also frequently colocalizes in cytoplasmic stress granule- like foci with ELAVL1, TIA1 and TIAL1.

SAMD4A antibody - middle region - Protocols

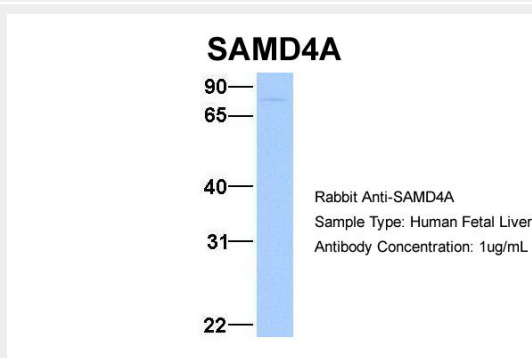
Provided below are standard protocols that you may find useful for product applications.

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

SAMD4A antibody - middle region - Images



WB Suggested Anti-SAMD4A Antibody Titration: 0.2-1 µg/ml
Positive Control: Human Liver



Host: Rabbit
Target Name: SAMD4A
Sample Tissue: Human Fetal Liver
Antibody Dilution: 1.0µg/ml

SAMD4A antibody - middle region - References

Heilig R.,et al.Nature 421:601-607(2003).

Guo J.H.,et al.Submitted (OCT-2001) to the EMBL/GenBank/DDBJ databases.

Ota T.,et al.Nat. Genet. 36:40-45(2004).

Kikuno R.,et al.DNA Res. 6:197-205(1999).

Baez M.V.,et al.J. Biol. Chem. 280:43131-43140(2005).