

SAMD4A antibody - middle region

Rabbit Polyclonal Antibody

Catalog # AI13601

Product Information

Application	WB
Primary Accession	Q9UPU9
Other Accession	NM_015589 , NP_056404
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Guinea Pig, Horse, Bovine
Predicted	Rat, Rabbit, Pig, Chicken, Dog, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	79415

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.

Protein Information

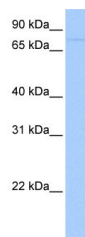
Name	SAMD4A
Synonyms	KIAA1053, SAMD4, SMAUG1
Function	Acts as a translational repressor of SRE-containing messengers.
Cellular Location	Cytoplasm. Cell projection, dendrite. Synapse, synaptosome Note=Enriched in synaptoneuroosomes (By similarity). Shuttles between the nucleus and the cytoplasm in a CRM1-dependent 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.

References

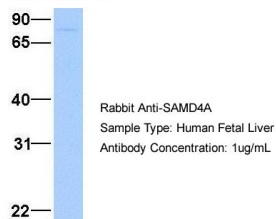
Heilig R.,et al.Nature 421:601-607(2003).
Guo J.H.,et al.Submitted (OCT-2001) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Kikuno R.,et al.DNA Res. 6:197-205(1999).
Baez M.V.,et al.J. Biol. Chem. 280:43131-43140(2005).

Images



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

SAMD4A



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

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