

SAMD4B Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP13601b**Specification**

SAMD4B Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	Q5PRF9
Other Accession	NP_060498.2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	75483
Antigen Region	414-442

SAMD4B Antibody (C-term) - Additional Information**Gene ID** 55095**Other Names**

Protein Smaug homolog 2, Smaug 2, hSmaug2, Sterile alpha motif domain-containing protein 4B, SAM domain-containing protein 4B, SAMD4B, SMAUG2

Target/Specificity

This SAMD4B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 414-442 amino acids from the C-terminal region of human SAMD4B.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

SAMD4B Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

SAMD4B Antibody (C-term) - Protein Information**Name** SAMD4B

Synonyms SMAUG2

Function Has transcriptional repressor activity. Overexpression inhibits the transcriptional activities of AP-1, p53/TP53 and CDKN1A.

Cellular Location

Cytoplasm. Nucleus

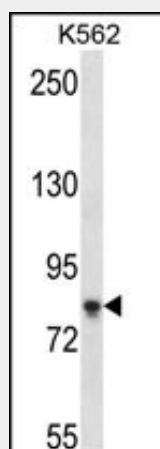
Tissue Location

Widely expressed in embryonic and adult tissues.

SAMD4B Antibody (C-term) - 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](#)

SAMD4B Antibody (C-term) - Images

SAMD4B Antibody (C-term) (Cat. #AP13601b) western blot analysis in K562 cell line lysates (35ug/lane). This demonstrates the SAMD4B antibody detected the SAMD4B protein (arrow).

SAMD4B Antibody (C-term) - Background

Sterile alpha motif is a widespread domain in signalling and nuclear proteins. In EPH-related tyrosine kinases, it appears to mediate cell-cell initiated signal transduction via the binding of SH2-containing proteins to a conserved tyrosine. SAMD4B (Sterile alpha motif domain-containing protein 4B) belongs to the SMAUG family. SAMD4B contains 1 SAM (sterile alpha motif) domain.

SAMD4B Antibody (C-term) - References

Bailey, S.D., et al. Diabetes Care (2010) In press :
Luo, N., et al. BMB Rep 43(5):355-361(2010)

Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009)

Ewing, R.M., et al. Mol. Syst. Biol. 3, 89 (2007) :

Beausoleil, S.A., et al. Nat. Biotechnol. 24(10):1285-1292(2006)