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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

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

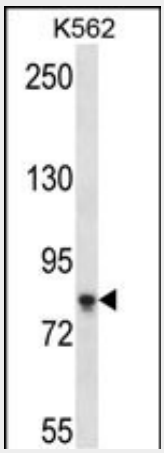
Tissue Location
Widely expressed in embryonic and adult tissues.

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 Cytomety
- 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) :

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