

**SAMD4B Antibody (C-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP13601b****Specification**

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**SAMD4B Antibody (C-term) Blocking peptide - Product Information**

Primary Accession [Q5PRF9](#)

**SAMD4B Antibody (C-term) Blocking peptide - 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**

The synthetic peptide sequence used to generate the antibody AP13601b was selected from the C-term region of SAMD4B. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**SAMD4B Antibody (C-term) Blocking peptide - 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) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

## **SAMD4B Antibody (C-term) Blocking peptide - Images**

## **SAMD4B Antibody (C-term) Blocking peptide - 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) Blocking peptide - 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)