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SAMD4B Rabbit pAb

Catalog # AP98552

Product Information

Application	IHC-P, IHC-F, IF, E
Primary Accession	Q5PRF9
Other Accession	Q5PRF9
Predicted	Rat, Pig, Human, Mouse, Rabbit, Dog, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	75483
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human SAMD4B
Epitope Specificity	231-330/694
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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.

Additional Information

Gene ID	55095
Other Names	SMGB; Smaug2; RGD1305597; SMAG2_HUMAN; SAMD4B; Smaug 2; hSmaug2; Sterile alpha motif domain-containing protein 4B (SAM domain-containing protein 4B); SMAG2_MOUSE; mSmaug2; Sterile alpha motif domain-containing protein 4B; sterile alpha motif domain containing 4B; smaug homolog B (Drosophila)
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

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.

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