

Product datasheet for **TA341836**

SMYD1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-SMYD1 antibody: synthetic peptide directed towards the N terminal of mouse SMYD1. Synthetic peptide located within the following region: MENVEVFTSEGKGRGLKATKEFWAADVIFAERAYSAVVFDSLINFVCHTC
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	52 kDa
Gene Name:	SET and MYND domain containing 1
Database Link:	NP_938015 Entrez Gene 12180 Mouse Q8NB12
Background:	SMYD1 is a histone methyltransferases and plays a critical role in myofibril organization during myofiber maturation
Synonyms:	BOP; KMT3D; ZMYND18; ZMYND22



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Note: Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Mouse: 100%; Rabbit: 100%; Guinea pig: 100%; Horse: 93%; Human: 93%; Bovine: 93%

Protein Families: Druggable Genome

Product images:



WB Suggested Anti-SMYD1 Antibody Titration:
0.2-1 ug/ml; ELISA Titer: 1:1562500; Positive
Control: NIH/3T3 cell lysate