

## Product datasheet for **TA339738**

### SMYD2 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	10k-ChIP, WB
Recommended Dilution:	WB, CHIP
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-SMYD2 antibody: synthetic peptide directed towards the middle region of human SMYD2. Synthetic peptide located within the following region: SMWLKLGRLYMGLEHKAAGEKALKKAIAIMEVAHGKDHPISEIKQEIES
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:	50 kDa
Gene Name:	SET and MYND domain containing 2
Database Link:	<a href="#">NP_064582</a> <a href="#">Entrez Gene 56950 Human</a> <a href="#">Q9NRG4</a>
Background:	The specific function of this protein remains unknown. SET domain-containing proteins, such as SMYD2, catalyze lysine methylation (Brown et al., 2006 [PubMed 16805913]). [supplied by OMIM]
Synonyms:	HSKM-B; KMT3C; ZMYND14



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**Note:** Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Guinea pig: 93%; Zebrafish: 86%

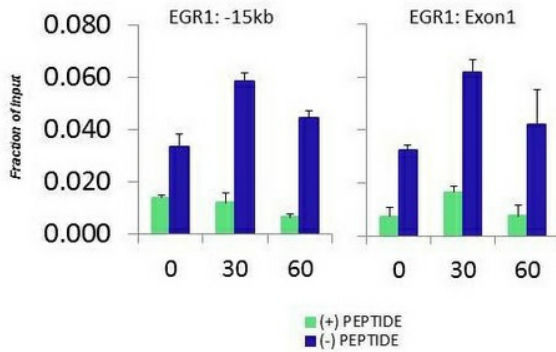
**Protein Families:** Druggable Genome

**Product images:**



WB Suggested Anti-SMYD2 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1: 312500; Positive Control: SH-SY5Y cell lysate SMYD2 is supported by BioGPS gene expression data to be expressed in SHSY5Y

**HCT116 serum response  
SMYD2  
Matrix-ChIP**



Quiescent human colon carcinoma HCT116 cultures were treated with 10% FBS for three time points (0, 15, 30min) or (0, 30, 60min) were used in Matrix-ChIP and real-time PCR assays at EGR1 gene (Exon1) and 15kb upstream site.