

Product datasheet for **TA339750**

SMYD3 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-SMYD3 antibody: synthetic peptide directed towards the N terminal of human SMYD3. Synthetic peptide located within the following region: PRYPDPSVRLGRVVKLMDGAPSESEKLYSYFDLESNINKLTEDKKEGL |
| 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: | 42 kDa |
| Gene Name: | SET and MYND domain containing 3 |
| Database Link: | NP_073580 Entrez Gene 64754 Human Q9H7B4 |



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Background:

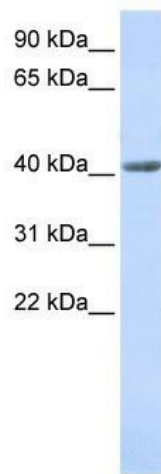
SMYD3 is a member of an RNA polymerase complex. Within the RNA polymerase complex, it acts as a histone methyltransferase that plays a role in transcriptional regulation. SMYD3 is a histone methyltransferase that plays a role in transcriptional regulation as a member of an RNA polymerase complex. [supplied by OMIM]. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.

Synonyms:

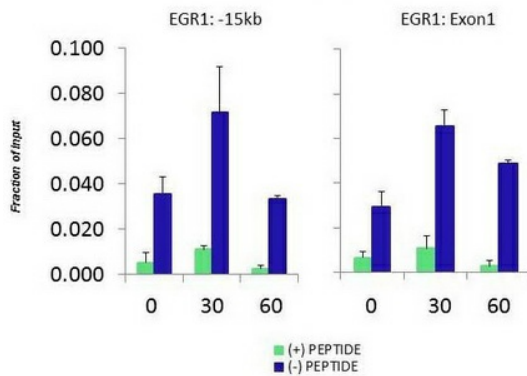
bA74P14.1; KMT3E; ZMYND1; ZNFN3A1

Note:

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

Product images:


WB Suggested Anti-SMYD3 Antibody Titration:
0.2-1 ug/ml; ELISA Titer: 1: 312500; Positive Control: Human Stomach

**HCT116 serum response
SMYD3
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.