

Product Datasheet

SMYD2 Rabbit Polyclonal Antibody (orb581156)

Description	Rabbit polyclonal antibody to SMYD2
Species/Host	Rabbit
Reactivity	Human
Conjugation	Unconjugated
Tested Applications	ChIP, WB
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human SMYD2
Target	SMYD2
Preservatives	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Form/Appearance	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration	0.5 mg/ml
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Protein Sequence	Synthetic peptide located within the following region: SMWLKLGRLYMGLEHKAAGEKALKKAIAIMEVAHGKDHPIYISEIKQEIES
Clonality	Polyclonal
MW	50kDa
Uniprot ID	Q9NRG4

Biorbyt Ltd.

7 Signet Court, Swann's Road,
Cambridge, CB5 8LA, United Kingdom
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+44 \(0\) 1223 859-353](tel:+441223859353) | Fax: [+1 \(415\) 651-8558](tel:+14156518558)

Biorbyt LLC.

68 TW Alexander Drive,
Durham, NC, 27713, United States
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+1 \(415\) 906-5211](tel:+14159065211) | Fax: [+1 \(415\) 651-8558](tel:+14156518558)

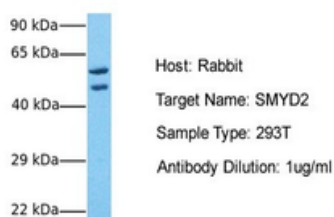
NCBI

NP_064582

Expiration Date

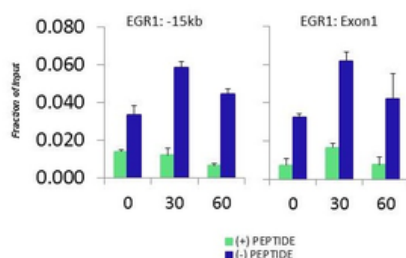
12 months from date of receipt.

SMYD2

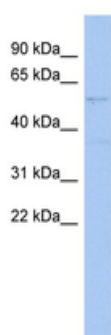


Sample Tissue: Human 293T, Antibody dilution: 1.0 ug/ml.

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.



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.

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