



# SMYD2 rabbit pAb

Cat No.:ES3470

For research use only

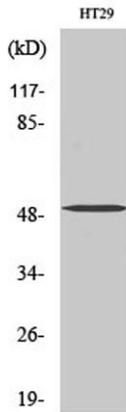
## Overview

<b>Product Name</b>	SMYD2 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB; ELISA;IHC
<b>Species Cross-Reactivity</b>	Human;Mouse;Rat
<b>Recommended dilutions</b>	WB 1:500-2000;IHC-p 1:50-300; ELISA 2000-20000
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human SMYD2. AA range:99-148
<b>Specificity</b>	SMYD2 Polyclonal Antibody detects endogenous levels of SMYD2 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	N-lysine methyltransferase SMYD2
<b>Gene Name</b>	SMYD2
<b>Cellular localization</b>	Cytoplasm, cytosol . Nucleus .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	50kD
<b>Human Gene ID</b>	56950
<b>Human Swiss-Prot Number</b>	Q9NRG4
<b>Alternative Names</b>	SMYD2; KMT3C; N-lysine methyltransferase SMYD2; HSKM-B; Histone methyltransferase SMYD2; Lysine N-methyltransferase 3C; SET and MYND domain-containing protein 2
<b>Background</b>	SET and MYND domain containing 2(SMYD2) Homo sapiens SET domain-containing proteins, such as SMYD2, catalyze lysine methylation (Brown et al., 2006 [PubMed 16805913]).[supplied by OMIM, Nov 2008],

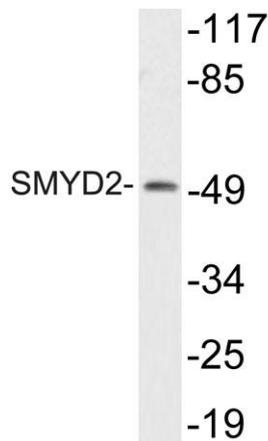




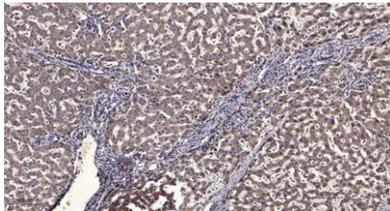
**ELK Biotechnology**



Western Blot analysis of various cells using SMYD2  
Polyclonal Antibody diluted at 1:2000



Western blot analysis of lysate from HT29 cells, using  
SMYD2 antibody.



Immunohistochemical analysis of paraffin-embedded  
human liver cancer. 1, Antibody was diluted at 1:200(4°  
overnight). 2, Tris-EDTA,pH9.0 was used for antigen  
retrieval. 3,Secondary antibody was diluted at 1:200(room  
temperature, 45min).



+86-27-59760950

[ELKbio@ELKbiotech.com](mailto:ELKbio@ELKbiotech.com)

[www.elkbiotech.com](http://www.elkbiotech.com)

23-2, No.388 Gaoxin 2nd Road,Wuhan East Lake Hi-tech Development Zone, Hubei , P.R.C