# antibodies .- online.com







# anti-SMYD2A antibody (N-Term)





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Quantity:	100 μL
Target:	SMYD2A
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Horse, Rabbit, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SMYD2A antibody is un-conjugated
Application:	Western Blotting (WB)

### **Product Details**

Target:

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human SMYD2
Sequence:	RLTARILAKQ KIHPERTPSE KLLAVKEFES HLDKLDNEKK DLIQSDIAAL
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 93%, Human: 100%, Mouse: 100%, Rabbit: 93%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against SMYD2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified
Target Details	

SMYD2A

## **Target Details**

Alternative Name:	SMYD2 (SMYD2A Products)
Background:	The specific function of this protein remains unknown.
	Alias Symbols: HSKM-B, KMT3C, MGC119305, ZMYND14
	Protein Interaction Partner: UBC, HIST2H3C, HSP90AA1, RB1, EPB41L3, TP53, CLASP2,
	AKAP11, CDC37, IGF2BP1, AXIN1, GSK3B,
	Protein Size: 433
Molecular Weight:	50 kDa
Gene ID:	56950
NCBI Accession:	NM_020197, NP_064582
UniProt:	Q9NRG4

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 433 AA
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

90 kDa\_\_ 65 kDa\_\_ 40 kDa\_\_ 31 kDa\_\_ 22 kDa\_\_

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#### **Western Blotting**

Image 1. WB Suggested Anti-SMYD2

Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:.12500

Positive Control: ACHN cell lysate

SMYD2 is supported by BioGPS gene expression data to be

expressed in ACHN

#### **Western Blotting**

**Image 2.** WB Suggested Anti-SMYD2 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: ACHN cell lysate SMYD2 is supported by BioGPS gene expression data to be expressed in ACHN