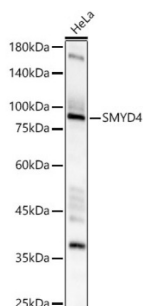
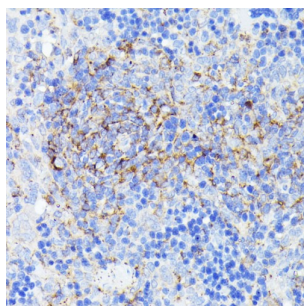


SET And MYND Domain-Containing Protein 4 (SMYD4) Antibody

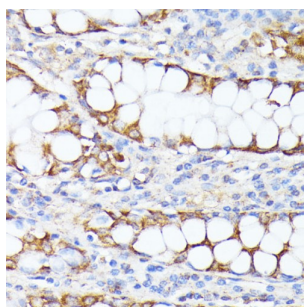
Catalogue No.: abx141537



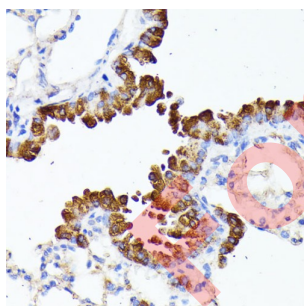
Western blot analysis of lysates from HeLa cells, using SMYD4 Antibody at 1/2000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1/10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Exposure time: 60s.



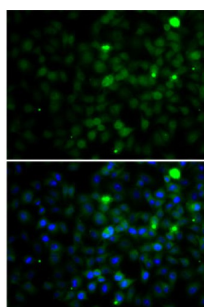
Immunohistochemistry analysis of paraffin-embedded Rat spleen using SMYD4 Antibody at dilution of 1/100 (40x lens). Microwave antigen retrieval performed in 0.01 M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma using SMYD4 Antibody at dilution of 1/100 (40x lens). Microwave antigen retrieval performed in 0.01 M PBS Buffer (pH 7.2) prior to IHC staining.



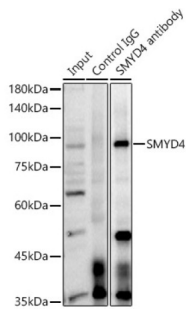
Immunohistochemistry analysis of paraffin-embedded Mouse lung using SMYD4 Antibody at dilution of 1/100 (40x lens). Microwave antigen retrieval performed in 0.01 M PBS Buffer (pH 7.2) prior to IHC staining.



Immunofluorescence analysis of A-549 cells using SMYD4 Antibody. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1/500 dilution. Blue: DAPI for nuclear staining.

Datasheet

Version: 6.0.0
Revision date: 03 Aug 2025



Immunoprecipitation analysis of 300 µg extracts of HeLa cells using 3 µg SMYD4 Antibody (A7310 1/2000). Western blot was performed from the immunoprecipitate using SMYD4 Antibody at a dilution of 1/1000.

SMYD4 Antibody is a Rabbit Polyclonal antibody against SMYD4.

Target:	SET And MYND Domain-Containing Protein 4 (SMYD4)
Clonality:	Polyclonal
Reactivity:	Human, Mouse, Rat
Tested Applications:	ELISA, WB, IHC, IF/ICC, IP
Host:	Rabbit
Recommended dilutions:	ELISA: 1 µg/ml, WB: 1/1000 - 1/5000, IHC-P: 1/50 - 1/200, IF/ICC: 1/50 - 1/100, IP: 0.5 µg - 4 µg antibody per 200 µg - 400 µg extracts of whole cells. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Recombinant protein corresponding to SMYD4. The exact sequence is proprietary.
Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	Q8IYR2 (UniProt , ExPASy)
Gene Symbol:	SMYD4
GeneID:	114826
NCBI Accession:	NP_443160.2

Datasheet

Version: 6.0.0

Revision date: 03 Aug 2025



KEGG: hsa:114826

String: [9606.ENSP00000304360](#)

Molecular Weight: Calculated MW: 89 kDa

Observed MW: 89 kDa

Buffer: PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.

Concentration: 0.96 mg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only