SMYD4 Rabbit pAb

Catalog No.: A7310

ABclonal®
Technology
www.abclonal.com

Basic Information

Observed MW
89kDa

Calculated MW
89kDa

Category
Primary antibody

Applications
ELISA,WB,IHC-P,IF/ICC,IP

Cross-Reactivity
Human, Mouse, Rat

Background

Predicted to enable metal ion binding activity and methyltransferase activity. Involved in heart development. Predicted to be located in cytoplasm and nucleus.

Recommended Dilutions

WB	1:1000 - 1:5000
IHC-P	1:50 - 1:200
IF/ICC	1:50 - 1:100
IP	0.5µg-4µg antibody for 200µg-400µg extracts of whole cells

Immunogen Information

Gene ID
114826

Swiss Prot
Q8IYR2

Immunogen
Recombinant fusion protein containing a sequence corresponding to amino acids 1-260 of human SMYD4 (NP_443160.2).

Synonyms
ZMYND21; SMYD4

Contact

☎ | 400-999-6126

✉ | cn.market@abclonal.com.cn

🌐 | www.abclonal.com.cn

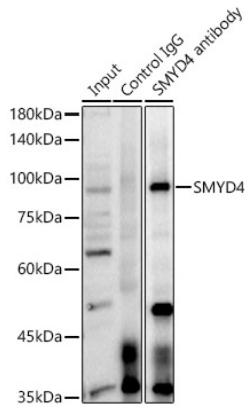## Product Information

Source
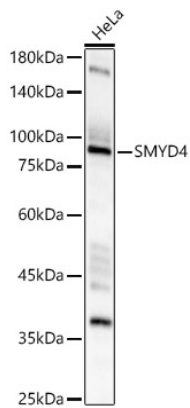Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
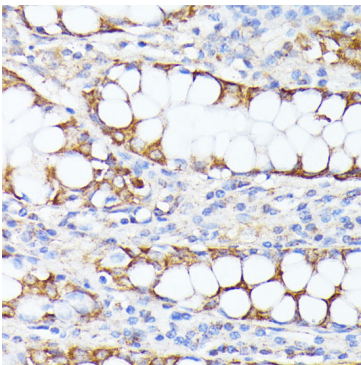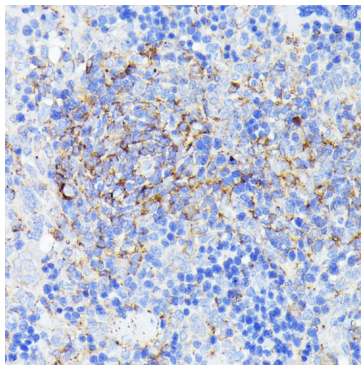Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Immunoprecipitation analysis of 300ug extracts of HeLa cells using 3ug SMYD4 Rabbit pAb (A7310 1:2000). Western blot was performed from the immunoprecipitate using SMYD4 Rabbit pAb (A7310) at a dilition of 1:1000.
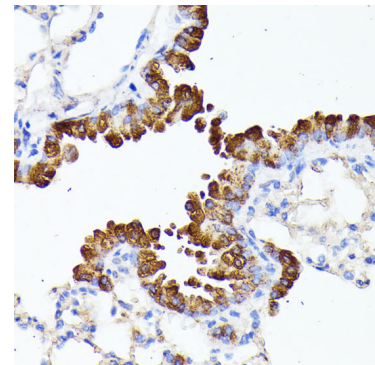

Western blot analysis of lysates from HeLa cells, using SMYD4 Rabbit pAb (A7310) at 1:2000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 60s.

Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma using SMYD4 Rabbit pAb (A7310) at dilution of 1:100 (40x lens).Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.
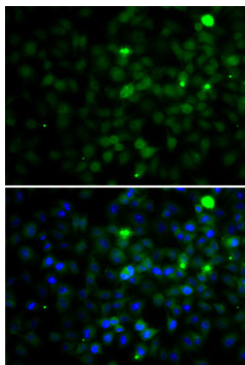

Immunohistochemistry analysis of paraffin-embedded Rat spleen using SMYD4 Rabbit pAb (A7310) at dilution of 1:100 (40x lens).Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.

Immunohistochemistry analysis of paraffin-embedded Mouse lung using SMYD4 Rabbit pAb (A7310) at dilution of 1:100 (40x lens).Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.

Validation Data

Immunofluorescence analysis of A-549 cells using SMYD4 Rabbit pAb (A7310). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.