

SMYD3 Rabbit pAb

Catalog No.: A7309

Basic Information

Observed MW

49kDa

Calculated MW

49kDa

Category

Primary antibody

Applications

ELISA, WB, IF/ICC

Cross-Reactivity

Human, Mouse

Background

This gene encodes a histone methyltransferase which functions in RNA polymerase II complexes by an interaction with a specific RNA helicase. Multiple transcript variants encoding different isoforms have been found for this gene.

Recommended Dilutions

WB 1:500 - 1:2000

IF/ICC 1:50 - 1:100

Immunogen Information

Gene ID

64754

Swiss Prot

Q9H7B4

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 140-369 of human SMYD3 (NP_073580.1).

Synonyms

KMT3E; ZMYND1; ZNFN3A1; bA74P14.1; SMYD3

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

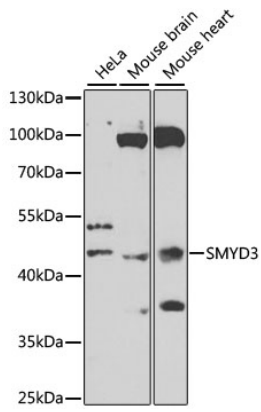
Affinity purification

Storage

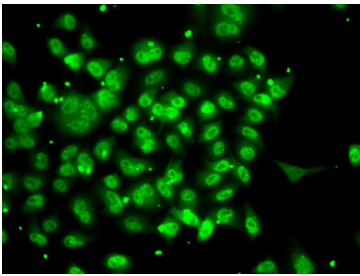
Store at -20°C. Avoid freeze / thaw cycles.

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

Validation Data



Western blot analysis of extracts of various cell lines, using SMYD3 antibody (A7309) at 1:1000 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.



Immunofluorescence analysis of A-549 cells using SMYD3 antibody (A7309).