

A5801

Leader in Biomolecular Solutions for Life Science



Septin 2 Rabbit pAb

Catalog No.: A5801

Basic Information

Observed MW

41kDa

Calculated MW

41kDa

Category

Polyclonal Antibody

Applications

WB,IF/ICC,ELISA

Cross-Reactivity

Human,Mouse

Background

Enables identical protein binding activity. Predicted to be involved in several processes, including cilium assembly; regulation of exocytosis; and smoothened signaling pathway. Predicted to act upstream of or within regulation of L-glutamate import across plasma membrane and regulation of protein localization. Located in several cellular components, including cytoskeleton; photoreceptor connecting cilium; and sperm annulus. Part of septin complex.

Recommended Dilutions

WB 1:500 - 1:2000

IF/ICC 1:50 - 1:100

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

4735

Swiss Prot

Q15019

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

DIFF6; NEDD5; SEPT2; NEDD-5; Pnutl3; hNedd5; Septin 2

Contact

 www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

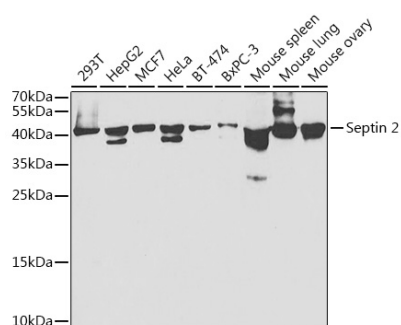
Affinity purification

Storage

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

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of various lysates using Septin 2 Rabbit pAb (A5801) at 1:1000 dilution.

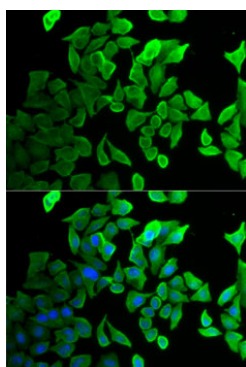
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 30s.



Immunofluorescence analysis of U2OS cells using Septin 2 Rabbit pAb (A5801). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.