

SARA Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP57501**Specification**

SARA Polyclonal Antibody - Product Information

Application	IHC-P, IHC-F, IF, ICC
Primary Accession	O95405
Host	Rabbit
Clonality	Polyclonal
Calculated MW	156403

SARA Polyclonal Antibody - Additional Information**Gene ID** 9372**Other Names**

Zinc finger FYVE domain-containing protein 9, Mothers against decapentaplegic homolog-interacting protein, Madh-interacting protein, Novel serine protease, NSP, Receptor activation anchor, hSARA, Smad anchor for receptor activation, ZFYVE9, MADHIP, SARA, SMADIP

Dilution

IHC-P ~ ~ N/A
IHC-F ~ ~ N/A
IF ~ ~ 1:50 ~ 200
ICC ~ ~ N/A

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

SARA Polyclonal Antibody - Protein Information**Name** ZFYVE9**Synonyms** MADHIP, SARA, SMADIP**Function**

Early endosomal protein that functions to recruit SMAD2/SMAD3 to intracellular membranes and to the TGF-beta receptor. Plays a significant role in TGF-mediated signaling by regulating the subcellular location of SMAD2 and SMAD3 and modulating the transcriptional activity of the SMAD3/SMAD4 complex. Possibly associated with TGF-beta receptor internalization.

Cellular Location

Cytoplasm. Early endosome membrane.

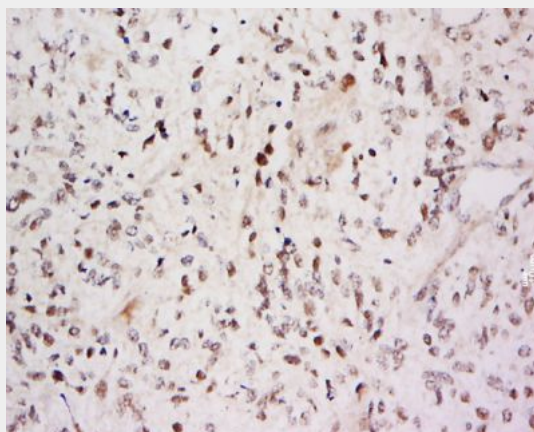
Tissue Location

Ubiquitous. In the brain found primarily in the cerebrovascular smooth muscle cells and reactive astrocytes

SARA Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

SARA Polyclonal Antibody - Images

Tissue/cell: Glioma cell tumor; 4% Paraformaldehyde-fixed and paraffin-embedded;
Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;
Incubation: Anti-SARA Polyclonal Antibody, Unconjugated(bs-19393R) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining