

For Research Use Only

# SARA Polyclonal antibody

Catalog Number: 14821-1-AP

Featured Product

4 Publications



## Basic Information

Catalog Number:

14821-1-AP

Size:

150ul, Concentration: 900 µg/ml by Nanodrop and 400 µg/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG6592

GenBank Accession Number:

BC032680

GeneID (NCBI):

9372

UNIPROT ID:

O95405

Full Name:

zinc finger, FYVE domain containing 9

Calculated MW:

1425 aa, 156 kDa

Purification Method:

Antigen affinity purification

## Applications

Tested Applications:

ELISA

Cited Applications:

WB, IF

Species Specificity:

human, mouse

Cited Species:

human, mouse

## Background Information

ZFYVE9, also known as SARA (Smad anchor for receptor activation), is a double zinc finger (FYVE domain) protein that interacts directly with SMAD2 and SMAD3, and is involved in Alzheimer's disease. SARA functions to recruit SMAD2/SMAD3 to intracellular membranes and to the TGF-beta receptor. SARA 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. SARA is possibly associated with TGF-beta receptor internalization.

## Notable Publications

Author	Pubmed ID	Journal	Application
Xiaodan Hou	29137396	Oncotarget	WB
Min Wang	30531936	Mol Psychiatry	IF
Xuanmao Jiao	30554919	Stem Cell Reports	WB

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:

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W: [ptglab.com](http://ptglab.com)

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