

STRA6 Polyclonal antibody

Catalog Number: 22001-1-AP

7 Publications

Basic Information

Catalog Number:

22001-1-AP

Size:

150ul, Concentration: 700 µg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG17591

GenBank Accession Number:

BC025256

GeneID (NCBI):

64220

UNIPROT ID:

Q9BX79

Full Name:

stimulated by retinoic acid gene 6 homolog (mouse)

Calculated MW:

667 aa, 74 kDa

Observed MW:

73-78 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

IF, IHC, WB

Species Specificity:

human, mouse

Cited Species:

human, rat, mouse

Positive Controls:

WB: mouse kidney tissue, rat kidney tissue

Background Information

STRA6, also known as MCOPS9 and PP14296. Functions as retinol transporter. Accepts all-trans retinol from the extracellular retinol-binding protein RBP4, facilitates retinol transport across the cell membrane, and then transfers retinol to the cytoplasmic retinol-binding protein RBP1. Contributes to the activation of a signaling cascade that depends on retinol transport and LRAT-dependent generation of retinol metabolites that then trigger activation of JAK2 and its target STAT5, and ultimately increase the expression of SOCS3 and inhibit cellular responses to insulin. (PMID:9452451; 18316031; 22665496; 21368206; 22665496).

Notable Publications

Author	Pubmed ID	Journal	Application
S Prpar Mihevc	27665936	Sci Rep	IF
Marta U Wotoszynowska-Fraser	34417282	eNeuro	WB
Tomoko Kawai	27022678	Endocrinology	IF

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

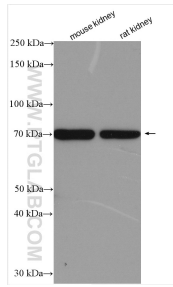
For technical support and original validation data for this product please contact:

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E: proteintech@ptglab.com
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 22001-1-AP (STRA6 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.