

For Research Use Only

# STRA6 Polyclonal antibody

Catalog Number: 22001-1-AP

11 Publications



## Basic Information

### Catalog Number:

22001-1-AP

### Size:

150ul, Concentration: 700 ug/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:

WB, IHC, IF

### Species Specificity:

human, mouse

### Cited Species:

human, mouse, rat

### 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

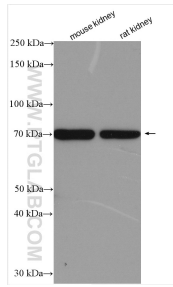
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## Selected Validation Data



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.