

For Research Use Only

STRA6 Polyclonal antibody

Catalog Number: 22001-1-AP **7 Publications**



Basic Information

Catalog Number: 22001-1-AP	GenBank Accession Number: BC025256	Purification Method: Antigen affinity purification
Size: 550 µg/ml	GeneID (NCBI): 64220	Recommended Dilutions: WB 1:1000-1:4000
Source: Rabbit	UNIPROT ID: Q9BX79	
Isotype: IgG	Full Name: stimulated by retinoic acid gene 6 homolog (mouse)	
Immunogen Catalog Number: AG17591	Calculated MW: 667 aa, 74 kDa	
	Observed MW: 73-78 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : mouse kidney tissue, rat kidney tissue
Cited Applications: WB, IF, IHC	
Species Specificity: human, mouse	
Cited Species: human, rat, mouse	

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

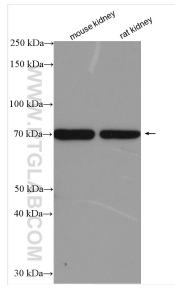
Storage

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

For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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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.