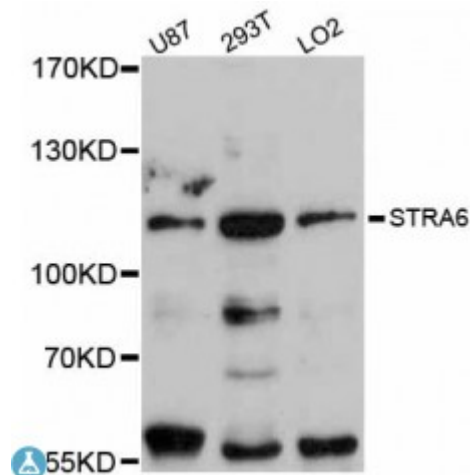


Anti-STRA6 Antibody



Description

The protein encoded by this gene is a membrane protein involved in the metabolism of retinol. The encoded protein acts as a receptor for retinol/retinol binding protein complexes. This protein removes the retinol from the complex and transports it across the cell membrane. Defects in this gene are a cause of syndromic microphthalmia type 9 (MCOPS9). Several transcript variants encoding a few different isoforms have been found for this gene.

Model	STJ114020
Host	Rabbit
Reactivity	Human
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 538-667 of human STRA6 (NP_071764.3).
Gene ID	64220
Gene Symbol	STRA6
Dilution range	WB 1:500 - 1:2000
Tissue Specificity	Broad expression, In adult eye expressed in sclera, retina, retinal pigment epithelium, and trabecular meshwork but not in choroid and iris
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Receptor for retinol uptake STRA6 Retinol-binding protein receptor STRA6 Stimulated by retinoic acid gene 6 protein homolog

Molecular Weight	73.503 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:30650OMIM:601186Reactome:R-HSA-2453864
Alternative Names	Receptor for retinol uptake STRA6 Retinol-binding protein receptor STRA6 Stimulated by retinoic acid gene 6 protein homolog
Function	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 ,
Cellular Localization	Cell membrane
Post-translational Modifications	Phosphorylated on tyrosine residues in response to RBP4 binding ,

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