

ARG64221
anti-STRA antibodyPackage: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes STRA
Tested Reactivity	Ms, Rat
Tested Application	WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	STRA
Species	Rat
Immunogen	C-QAFRKAALTSAKAN
Conjugation	Un-conjugated
Alternate Names	MCOPCB8; PP14296; Stimulated by retinoic acid gene 6 protein homolog; MCOPS9

Application Instructions

Application table	Application	Dilution
	WB	1 - 2 µg/ml

Application Note WB: Recommend incubate at RT for 1h.
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

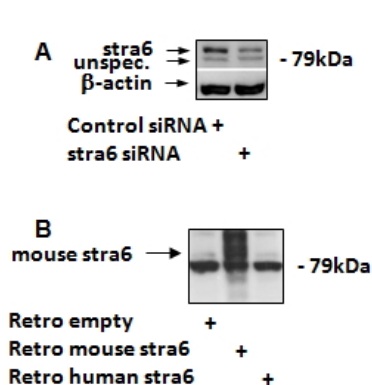
Properties

Form	Liquid
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 20897 Mouse GeneID: 363071 Rat Swiss-port # O70491 Mouse Swiss-port # Q4QR83 Rat
Gene Symbol	Stra6
Gene Full Name	stimulated by retinoic acid 6
Background	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. [provided by RefSeq, Dec 2008]
Function	May act as a high-affinity cell-surface receptor for the complex retinol-retinol binding protein (RBP/RBP4). Acts by removing retinol from RBP/RBP4 and transports it across the plasma membrane, where it can be metabolized. This mechanism does not depend on endocytosis. Binds to RBP/RBP4 with high affinity. Increases cellular retinol uptake from the retinol-RBP complex (By similarity). [UniProt]
Research Area	Controls and Markers antibody; Developmental Biology antibody; Metabolism antibody; Signaling Transduction antibody
Calculated Mw	74 kDa

Images



ARG64221 anti-STRA antibody WB image

Western Blot: 3T3-L1 lysates (35 µg protein in RIPA buffer) stained with ARG64221 anti-STRA6 (mouse|rat) antibody at 1.7 µg/ml dilution.



ARG64221 anti-STRA antibody WB image

Western blot: 35 µg of Rat testis lysate (in RIPA buffer) with (B) and without (A) blocking peptide. The blots were stained with ARG64221 anti-STRA antibody at 1 µg/ml dilution and incubated at RT for 1 hour.