

## ARG64221 anti-STRA antibody

Package: 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-QAFRKAALTSKAN
Conjugation	Un-conjugated
Alternate Names	MCOPCB8; PP14296; Stimulated by retinoic acid gene 6 protein homolog; MCOPS9

### Application Instructions

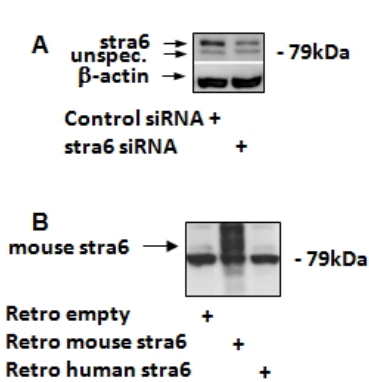
Application table	Application	Dilution
	WB	1 - 2 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

### Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
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.

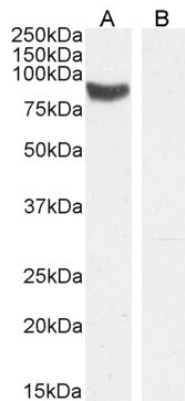
Database links	<a href="#">GeneID: 20897 Mouse</a>
	<a href="#">GeneID: 363071 Rat</a>
	<a href="#">Swiss-port # O70491 Mouse</a>
	<a href="#">Swiss-port # Q4QR83 Rat</a>
Gene Symbol	Stra6
Gene Full Name	stimulated by retinoic acid 6
Background	The protein encoded by this gene is a membrane protein involved 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.