

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.

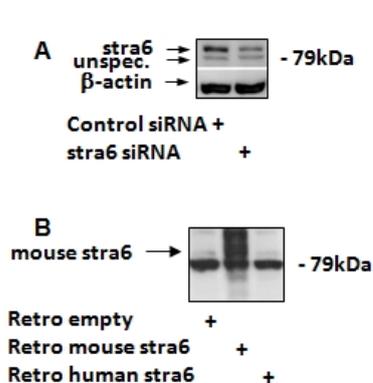
Properties

| | |
|---------------------|--|
| Form | Liquid |
| Purification | Purified from goat serum by 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. |

Bioinformation

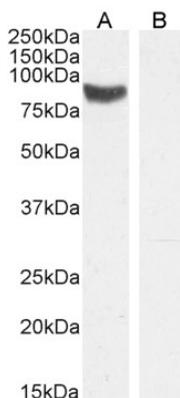
| | |
|----------------|---|
| Database links | GeneID: 20897 Mouse GeneID: 363071 Rat Swiss-port # O70491 Mouse Swiss-port # Q4QR83 Rat |
| Gene Symbol | Stra6 |
| Gene Full Name | stimulated by retinoic acid 6 |
| Background | The protein encoded by this gene is a membrane protein involved in the metabolism 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.