

Anti-MRGX4 Antibody

Rabbit polyclonal antibody to MRGX4 Catalog # AP61051

Specification

Anti-MRGX4 Antibody - Product Information

Application WB, IF/IC Primary Accession Q96LA9

Reactivity Human, Mouse, Rat Rabbit

Clonality Polyclonal 36461

Anti-MRGX4 Antibody - Additional Information

Gene ID 117196

Other Names

MRGX4; SNSR5; SNSR6; Mas-related G-protein coupled receptor member X4; Sensory neuron-specific G-protein coupled receptor 5/6

Target/Specificity

KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human MRGX4. The exact sequence is proprietary.

Dilution

WB~~WB (1/500 - 1/1000), IF/IC (1/100 - 1/500) IF/IC~~N/A

Format

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage

Store at -20 °C.Stable for 12 months from date of receipt

Anti-MRGX4 Antibody - Protein Information

Name MRGPRX4

Synonyms MRGX4, SNSR5, SNSR6

Function

Orphan receptor. Probably involved in the function of nociceptive neurons. May regulate nociceptor function and/or development, including the sensation or modulation of pain. Potently activated by enkephalins (By similarity).

Cellular Location



Cell membrane; Multi-pass membrane protein.

Tissue Location

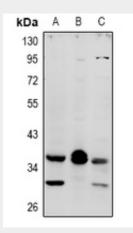
Uniquely localized in a subset of small dorsal root and trigeminal sensory neurons.

Anti-MRGX4 Antibody - Protocols

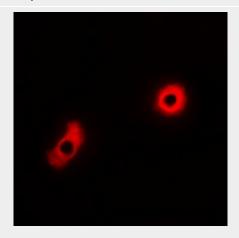
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- <u>Immunofluorescence</u>
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-MRGX4 Antibody - Images



Western blot analysis of MRGX4 expression in U87MG (A), C6 (B), MCF7 (C) whole cell lysates.



Immunofluorescent analysis of MRGX4 staining in A549 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a hidified chamber. Cells were washed with PBST and incubated



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with Alexa Fluor 647-conjugated secondary antibody (red) in PBS at room temperature in the dark. **Anti-MRGX4 Antibody - Background**

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