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MRGX1 / MRGPRX1 Antibody (N-Terminus)

Rabbit Polyclonal Antibody
Catalog # ALS10582

Specification

MRGX1 / MRGPRX1 Antibody (N-Terminus) - Product Information

Application	**IHC**
Primary Accession	Q96LB2
Reactivity	**Human, Monkey**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**36kDa KDa**

MRGX1 / MRGPRX1 Antibody (N-Terminus) - Additional Information

Gene ID 259249

Other Names
Mas-related G-protein coupled receptor member X1, Sensory neuron-specific G-protein coupled receptor 3/4, MRGPRX1, MRGX1, SNSR3, SNSR4

Target/Specificity
Human MRGPRX1 / MRGX1. BLAST analysis of the peptide immunogen showed no homology with other human proteins, except MRGPRX3 (71%).

Reconstitution & Storage
Long term: -70°C; Short term: +4°C

Precautions
MRGX1 / MRGPRX1 Antibody (N-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

MRGX1 / MRGPRX1 Antibody (N-Terminus) - Protein Information

Name MRGPRX1

Synonyms MRGX1, SNSR3, SNSR4

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 including BAM22 (bovine adrenal medulla peptide 22) and BAM (8-22)(PubMed:26582731). BAM22 is the most potent compound and evoked a large and dose-dependent release of intracellular calcium in stably transfected cells. G(alpha)q proteins are involved in the calcium-signaling pathway. Activated by the antimalarial drug, chloroquine. May mediate chloroquine-induced itch, in a histamine- independent manner.

Cellular Location
Cell membrane; Multi-pass membrane protein.

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

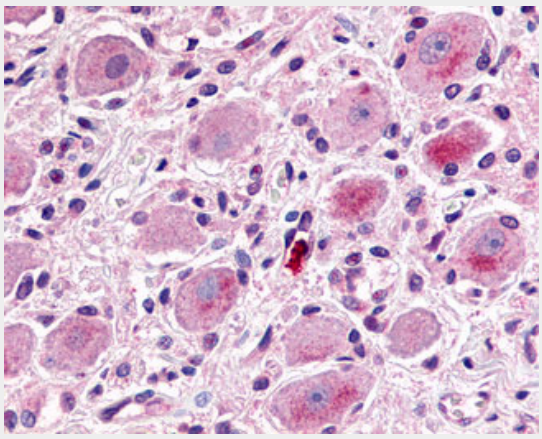
Volume
50 µl

MRGX1 / MRGPRX1 Antibody (N-Terminus) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

MRGX1 / MRGPRX1 Antibody (N-Terminus) - Images



Anti-MRGPRX1 / MRGX1 antibody ALS10582 IHC of human ganglion cells and Schwann cells.

MRGX1 / MRGPRX1 Antibody (N-Terminus) - Background

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MRGX1 / MRGPRX1 Antibody (N-Terminus) - References

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Lembo P.M.C.,et al.Nat. Neurosci. 5:201-209(2002).

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