

MRGX1 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP58478**Specification**

MRGX1 Polyclonal Antibody - Product Information

Application	IHC-P, IHC-F, IF, ICC
Primary Accession	Q96LB2
Host	Rabbit
Clonality	Polyclonal
Calculated MW	36250

MRGX1 Polyclonal Antibody - 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

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

MRGX1 Polyclonal Antibody - 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.

MRGX1 Polyclonal Antibody - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

MRGX1 Polyclonal Antibody - Images