

GPCR MRGX2 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP55967**Specification****GPCR MRGX2 Polyclonal Antibody - Product Information**

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q96LB1
Host	Rabbit
Clonality	Polyclonal
Calculated MW	37099

GPCR MRGX2 Polyclonal Antibody - Additional Information**Gene ID** 117194**Other Names**

Mas-related G-protein coupled receptor member X2, MRGPRX2, MRGX2

Dilution

IHC-P ~ N/A
IHC-F ~ N/A
IF ~ 1:50 ~ 200
ICC ~ N/A
E ~ N/A

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.

GPCR MRGX2 Polyclonal Antibody - Protein Information**Name** MRGPRX2**Synonyms** MRGX2**Function**

Mast cell-specific receptor for basic secretagogues, i.e. cationic amphiphilic drugs, as well as endo- or exogenous peptides, consisting of a basic head group and a hydrophobic core (PubMed: [25517090](http://www.uniprot.org/citations/25517090)). Recognizes and binds small molecules containing a cyclized tetrahydroisoquinoline (THIQ), such as non-steroidal neuromuscular blocking drugs (NMBDs), including tubocurarine and atracurium. In response to these compounds, mediates pseudo-allergic reactions characterized by histamine release, inflammation and airway contraction (By similarity). Acts as a receptor for a number of other ligands, including peptides and alkaloids, such as cortistatin-14, proadrenomedullin N-terminal peptides PAMP-12 and, at lower extent, PAMP-20, antibacterial protein LL-37, PMX-53

peptide, beta-defensins, and complanadine A.

Cellular Location

Cell membrane; Multi-pass membrane protein

Tissue Location

Mainly expressed in mast cells. Has a limited expression profile, both peripheral and within the central nervous system, with highest levels in dorsal root ganglion (PubMed:12915402) Detected in blood vessels, scattered lymphocytes, and gastrointestinal ganglia (at protein level) (PubMed:16161007)

GPCR MRGX2 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](#)

GPCR MRGX2 Polyclonal Antibody - Images