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Rabbit Anti-MRGPRX4 antibody

SL17761R

Product Name:	MRGPRX4
Chinese Name:	MRGPRX4蛋白抗体
Alias:	G protein coupled receptor MRGX4; G protein coupled receptor SNSR5; G protein coupled receptor SNSR6; GPCR; Mas related G protein coupled receptor member X4; Mas related G protein coupled-receptor family, member X4; MAS related GPR, member X4; Mas-related G-protein coupled receptor member X4; MGC129753; MGC129754; MRGPRX4; MRGX4; MRGX4_HUMAN; Sensory neuron specific G protein coupled receptor 5/6; Sensory neuron-specific G-protein coupled receptor 5/6; SNSR5; SNSR6.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	36kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human MRGPRX4:251-322/322<Cytoplasmic>
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 癈 for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20癈. 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 癈.

PubMed:	PubMed
Product Detail:	Mas-related G protein-coupled receptor member X1 (MRGX) is a sensory neuron-specific G protein-coupled receptor that is involved in the function of nociceptive neurons. This integral membrane protein may also regulate nociceptor development and/or the sensation or modulation of pain. There are four members (MRGX1-4) in the human MRGX familly. MRGX1 and MRGX2 receptors stimulate both G?q- and G?i -regulated pathways, while MRGX3 and MRGX4 receptors mainly activate G?q-regulated pathways. G?q proteins are involved in the calcium-signaling pathway downstream of the MRGX receptors. MRGX receptors are unique in that they are expressed in a subset of small dorsal root and trigeminal sensory neurons. **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. **Subcellular Location:** Cell membrane. **Tissue Specificity:** Uniquely localized in a subset of small dorsal root and trigeminal sensory neurons. **Similarity:** Belongs to the G-protein coupled receptor 1 family. Mas subfamily. **SWISS:** Q96LA9 **Gene ID:** 117196 **Database links:** Entrez Gene: 117196 Human Omim: 607230 Human SwissProt: Q96LA9 Human Unigene: 632138 Human **Important Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.