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MRGX3 Rabbit pAb

Catalog # AP99580

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q96LB0
Other Accession	Q96LB0
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	36483
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human MRGX3
Epitope Specificity	51-150/322
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the G-protein coupled receptor 1 family. Mas subfamily.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	This gene encodes a member of the mas-related/sensory neuron specific subfamily of G protein coupled receptors. The encoded protein may be involved in sensory neuron regulation and in the modulation of pain. [provided by RefSeq, Oct 2009]

Additional Information

Gene ID	117195
Other Names	GPCR; MRGX3; SNSR1; SNSR2; MRGX3_HUMAN; MRGPRX3; Sensory neuron-specific G-protein coupled receptor 1/2; MAS related GPR family member X3; MAS-related GPR, member X3
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
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.

Protein Information

Name	MRGPRX3
Synonyms	MRGX3, SNSR1, SNSR2

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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.