

Rabbit anti-Human MRGPRX4 / MRGX4 Polyclonal Antibody | anti-MRGPRX4 antibody

Rabbit Polyclonal to Human MRGPRX4 / MRGX4

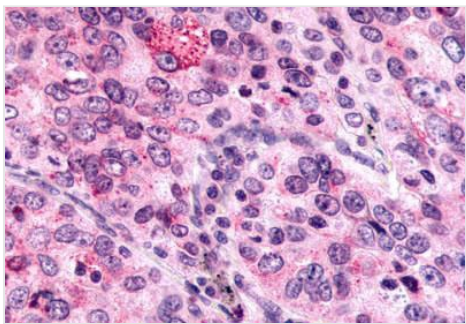
CATALOG # AAA51140	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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PRODUCT SYNONYMS

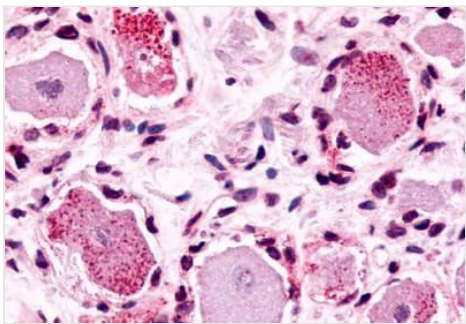
MRGPRX4 / MRGX4; Polyclonal Antibody; Rabbit Polyclonal to Human MRGPRX4 / MRGX4; Anti-MRGPRX4 / MRGX4 Antibody (N-Terminus) IHC-plus; MRGPRX4; MRGX4; SNSR6; SNSR5; MAS-related GPR; member X4; Human MRGPRX4; anti-MRGPRX4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	Human MRGPRX4 / MRGX4. BLAST analysis of the peptide immunogen showed no homology with other human proteins, except MRGPRX3 (67%).
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	0.6 mg/ml (varies by lot)
Sequence Length	322
Applicable Applications for anti-MRGPRX4 antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 12 amino acid peptide from N-terminal extracellular domain of human MRGPRX4 / MRGX4. Percent identity with other species by BLAST analysis: Human (100%).
Immunogen Type	Synthetic peptide
Immunogen	MRGPRX4 / MRGX4 antibody was raised against synthetic 12 amino acid peptide from N-terminal extracellular domain of human MRGPRX4 / MRGX4. Percent identity with other species by BLAST analysis: Human (100%).
Antigen Modification	N-Terminus
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C



IHC (Immunohistochemistry)
Anti-MRGPRX4 / MRGX4 antibody IHC of human Lung, Non-Small Cell Carcinoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-MRGPRX4 / MRGX4 antibody IHC of human spinal cord, dorsal root ganglion. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-MRGPRX4 antibody	MRGX4 is an Orphan-A GPCR with an unknown ligand highly similar to other MRG receptors. MRGX4 has been suggested to function in sensory neuron regulation and in the modulation of nociception.
Product Categories/Family for anti-MRGPRX4 antibody	Family: GPCR; Subfamily: Orphan-A

NCBI AND UNIPROT INFORMATION

NCBI GI #	239582753
NCBI GeneID	117196
NCBI Accession #	NP_473373.2
NCBI GenBank Nucleotide #	NM_054032.3
UniProt Accession #	Q96LA9; Q3KNU3; Q3KNU4; Q502W0; Q8TDD6; Q8TDD7
Molecular Weight	36,461 Da
NCBI Official Full Name	mas-related G-protein coupled receptor member X4
NCBI Official Synonym Full Names	MAS-related GPR, member X4
NCBI Official Symbol	MRGPRX4
NCBI Official Synonym Symbols	GPCR; MRGX4; SNSR6
NCBI Protein Information	mas-related G-protein coupled receptor member X4; G protein-coupled receptor MRGX4; G protein-coupled receptor SNSR5; G protein-coupled receptor SNSR6; sensory neuron-specific G-protein coupled receptor 5/6
UniProt Protein Name	Mas-related G-protein coupled receptor member X4
UniProt Gene Name	MRGPRX4
UniProt Synonym Gene Names	MRGX4; SNSR5; SNSR6
UniProt Entry Name	MRGX4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.