

MRGPRX3 / MRGX3 Antibody (Extracellular Domain)
Rabbit Polyclonal Antibody
Catalog # ALS10811

Specification

MRGPRX3 / MRGX3 Antibody (Extracellular Domain) - Product Information

Application	IHC
Primary Accession	Q96LB0
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	36kDa KDa

MRGPRX3 / MRGX3 Antibody (Extracellular Domain) - Additional Information

Gene ID 117195

Other Names

Mas-related G-protein coupled receptor member X3, Sensory neuron-specific G-protein coupled receptor 1/2, MRGPRX3, MRGX3, SNSR1, SNSR2

Target/Specificity

Human MRGPRX3 / MRGX3. BLAST analysis of the peptide immunogen showed no homology with other human proteins, except MRGPRX4 (59%), LRRK2 (53%), CACNB4 (47%).

Reconstitution & Storage

Long term: -70°C; Short term: +4°C

Precautions

MRGPRX3 / MRGX3 Antibody (Extracellular Domain) is for research use only and not for use in diagnostic or therapeutic procedures.

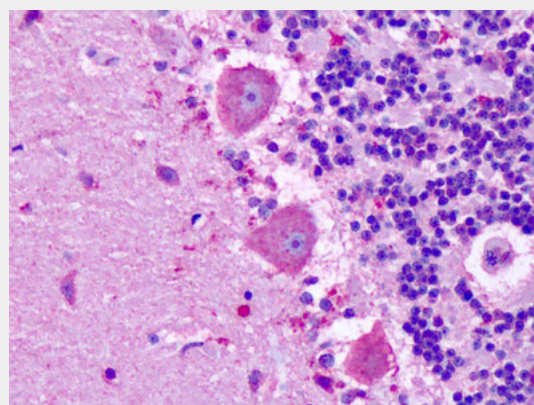
MRGPRX3 / MRGX3 Antibody (Extracellular Domain) - Protein Information

Name MRGPRX3

Synonyms MRGX3, SNSR1, SNSR2

Function

Orphan receptor. Probably involved in the function of nociceptive neurons. May



Anti-MRGPRX3 / MRGX3 antibody IHC of human brain, cerebellum, Purkinje neurons.

MRGPRX3 / MRGX3 Antibody (Extracellular Domain) - Background

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).

MRGPRX3 / MRGX3 Antibody (Extracellular Domain) - References

Dong X.,et al.Cell 106:619-632(2001).
Lembo P.M.C.,et al.Nat. Neurosci. 5:201-209(2002).
Martin A.L.,et al.Submitted (DEC-2007) to the EMBL/GenBank/DDBJ databases.
Taylor T.D.,et al.Nature 440:497-500(2006).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.

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.

Volume

50 µl

MRGPRX3 / MRGX3 Antibody (Extracellular Domain) - 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](#)