

MRGPRX3 / MRGX3 Antibody (Internal region)
Peptide-affinity purified goat antibody
Catalog # AF2951a**Specification**

MRGPRX3 / MRGX3 Antibody (Internal region) - Product Information

Application	E
Primary Accession	O96LB0
Other Accession	NP_473372.2 , 117195
Predicted	Human
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	36483

MRGPRX3 / MRGX3 Antibody (Internal region) - 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

Dilution

E~~N/A

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

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

MRGPRX3 / MRGX3 Antibody (Internal region) - 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.

MRGPRX3 / MRGX3 Antibody (Internal region) - 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](#)

MRGPRX3 / MRGX3 Antibody (Internal region) - Images**MRGPRX3 / MRGX3 Antibody (Internal region) - Background**

This antibody may cross-react with human MRGPRX1 and X4 (GeneID: 259249, 117196; MW: 36.25kDa and 36.43kDa).

MRGPRX3 / MRGX3 Antibody (Internal region) - References

Transgenic rats overexpressing the human MrgX3 gene show cataracts and an abnormal skin phenotype. Kaisho Y, Watanabe T, Nakata M, Yano T, Yasuhara Y, Shimakawa K, Mori I, Sakura Y, Terao Y, Matsui H, Taketomi S. Biochemical and biophysical research communications 2005 May 330 (3): 653-7. PMID: 15809047