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MRGPRX3 Antibody (N-term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20838a

Product Information

Application	WB, E
Primary Accession	Q96LB0
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB49950
Calculated MW	36483

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	This MRGPRX3 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 9-43 amino acids from the N-terminal region of human MRGPRX3.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	MRGPRX3 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

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.

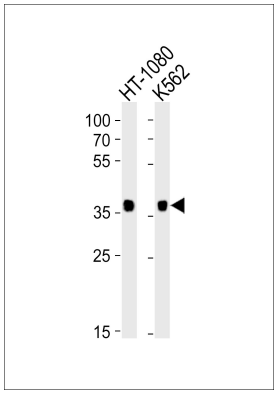
Background

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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.

Images



Western blot analysis of lysates from HT-1080, K562 cell line (from left to right), using MRGPRX3 Antibody (N-term)(Cat. #AP20838a). AP20838a was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysates at 35ug per lane.

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