



MRGX1 Monoclonal Antibody

Catalog No	YP-mAb-13425
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	MRGPRX1
Immunogen	The antiserum was produced against synthesized peptide derived from human MRGX1. AA range:271-320
Specificity	MRGX1 Monoclonal Antibody detects endogenous levels of MRGX1 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	MRGX1;MRGPRX1;Mas-related G-protein coupled receptor member X1;SNSR3; SNSR4;Sensory neuron-specific G-protein coupled receptor 3/4
Observed Band	36kD
Calculated Molecular Weight	36kD
Cell Pathway	Cell membrane; Multi-pass membrane protein.
Tissue Specificity	Uniquely localized in a subset of small dorsal root and trigeminal sensory neurons.
Function	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 including BAM22 (bovine adrenal medulla peptide 22) and BAM (8-22). BAM22 is the most potent compound and evoked a large and dose-dependent release of intracellular calcium in stably transfected cells. G(alpha)q proteins are involved in the calcium-signaling pathway.,similarity:Belongs to the G-protein coupled receptor 1 family. Mas subfamily.,tissue specificity:Uniquely localized in a subset of small dorsal root and trigeminal sensory neurons.,



Background

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matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

