

## ARG59834 anti-MRGPRX1 / MRGX1 antibody

Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes MRGPRX1 / MRGX1
Tested Reactivity	Ms, Rat
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	MRGPRX1 / MRGX1
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 263-322 of Human MRGPRX1 (NP_671732.3).
Conjugation	Un-conjugated
Alternate Names	SNSR4; MRGX1; MGRG2; Sensory neuron-specific G-protein coupled receptor 3/4; GPCR; Mas-related G-protein coupled receptor member X1

### Application Instructions

Application table	Application	Dilution
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Rat liver and Mouse liver	
Observed Size	36 kDa	

### Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

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Gene Symbol	MRGPRX1
Gene Full Name	MAS-related GPR, member X1
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. Activated by the antimalarial drug, chloroquine. May mediate chloroquine-induced itch, in a histamine-independent manner. [UniProt]
Calculated Mw	36 kDa
Cellular Localization	Cell membrane; Multi-pass membrane protein. [UniProt]

## Images

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ARG59834 anti-MRGPRX1 / MRGX1 antibody WB image

Western blot: 25 µg of Rat liver and Mouse liver lysates stained with ARG59834 anti-MRGPRX1 / MRGX1 antibody at 1:3000 dilution.