

## Anti-MRGX4 Antibody

Rabbit polyclonal antibody to MRGX4  
Catalog # AP61051

### Product Information

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<b>Application</b>	WB, IF/IC
<b>Primary Accession</b>	<a href="#">Q96LA9</a>
<b>Reactivity</b>	Human, Mouse, Rat
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	36461

### Additional Information

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<b>Gene ID</b>	117196
<b>Other Names</b>	MRGX4; SNSR5; SNSR6; Mas-related G-protein coupled receptor member X4; Sensory neuron-specific G-protein coupled receptor 5/6
<b>Target/Specificity</b>	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human MRGX4. The exact sequence is proprietary.
<b>Dilution</b>	WB~~WB (1/500 - 1/1000), IF/IC (1/100 - 1/500) IF/IC~~N/A
<b>Format</b>	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.
<b>Storage</b>	Store at -20 °C. Stable for 12 months from date of receipt

### Protein Information

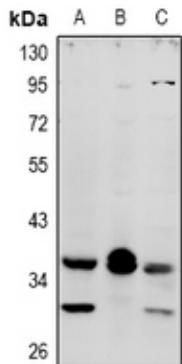
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<b>Name</b>	MRGPRX4
<b>Synonyms</b>	MRGX4, SNSR5, SNSR6
<b>Function</b>	Orphan receptor. Probably involved in the function of nociceptive neurons. May regulate nociceptor function and/or development, including the sensation or modulation of pain. Potently activated by enkephalins (By similarity).
<b>Cellular Location</b>	Cell membrane; Multi-pass membrane protein.
<b>Tissue Location</b>	Uniquely localized in a subset of small dorsal root and trigeminal sensory neurons.

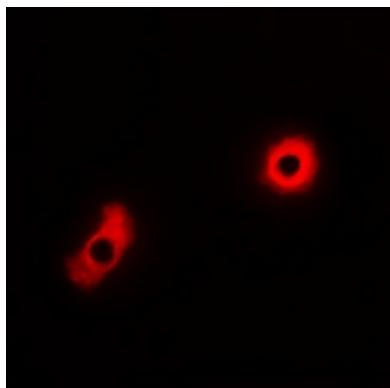
## Background

KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human MRGX4. The exact sequence is proprietary.

## Images



Western blot analysis of MRGX4 expression in U87MG (A), C6 (B), MCF7 (C) whole cell lysates.



Immunofluorescent analysis of MRGX4 staining in A549 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with Alexa Fluor 647-conjugated secondary antibody (red) in PBS at room temperature in the dark.

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