

Rabbit anti-Human MRGX4 Polyclonal Antibody | anti-MRGX4 antibody

MRGX4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327597	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

MRGX4; Polyclonal Antibody; MRGX4 Antibody; G protein coupled receptor MRGX4; G protein coupled receptor SNSR5; G protein coupled receptor SNSR6; GPCR; Mas related G protein coupled receptor member X4; Mas related G protein coupled-receptor family; member X4; MAS related GPR; Mas-related G-protein coupled receptor member X4; MGC129753; MGC129754; MRGPXR4; MRGX4_HUMAN; Sensory neuron specific G protein coupled receptor 5/6; Sensory neuron-specific G-protein coupled receptor 5/6; SNSR5; SNSR6; anti-MRGX4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	MRGX4 antibody detects endogenous levels of total MRGX4
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	322
Applicable Applications for anti-MRGX4 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human MRGX4
Subcellular Location	Cell Membrane
Tissue Specificity	Uniquely localized in a subset of small dorsal root and trigeminal sensory neurons.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA327597 staining HuvEc by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from Hela cells, using MRGX4 Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-MRGX4 antibody	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). Similarity: Belongs to the G-protein coupled receptor 1 family. Mas subfamily.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	239582753
NCBI GeneID	117196
NCBI Accession #	NP_473373.2
NCBI GenBank Nucleotide #	NM_054032.3
UniProt Accession #	Q96LA9; Q3KNU3; Q3KNU4; Q502W0; Q8TDD6; Q8TDD7
Molecular Weight	Observed: 36 kDa Predicted: 37 kDa
NCBI Official Full Name	mas-related G-protein coupled receptor member X4
NCBI Official Synonym Full Names	MAS related GPR family member X4
NCBI Official Symbol	MRGPRX4
NCBI Official Synonym Symbols	GPCR; MRGX4; SNSR6
NCBI Protein Information	mas-related G-protein coupled receptor member X4
UniProt Protein Name	Mas-related G-protein coupled receptor member X4
UniProt Gene Name	MRGPRX4
UniProt Synonym Gene Names	MRGX4; SNSR5; SNSR6

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/mrgx4-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/327597>