

## Rabbit MRGX4 Polyclonal Antibody | anti-MRGX4 antibody

Rabbit anti-MRGX4 Antibody

|                               |                       |                                        |                                                         |
|-------------------------------|-----------------------|----------------------------------------|---------------------------------------------------------|
| CATALOG #<br><b>AAA221695</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunofluorescence, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|---------------------------------------------------------|

### PRODUCT SYNONYMS

MRGX4; Polyclonal Antibody; Rabbit anti-MRGX4 Antibody; SNSR5; SNSR6; Mas-related G-protein coupled receptor member X4; Sensory neuron-specific G-protein coupled receptor 5/6; anti-MRGX4 antibody

### PRODUCT SPECIFICATIONS

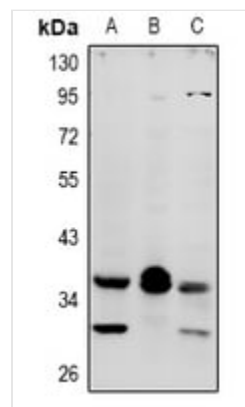
|                                                 |                                                                                                                                      |
|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                               |
| Reactivity                                      | Human, Mouse, Rat                                                                                                                    |
| Clonality                                       | Polyclonal                                                                                                                           |
| Purity/Purification                             | The antibody was purified by immunogen affinity chromatography.                                                                      |
| Form/Format                                     | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.                            |
| Concentration                                   | 1mg/mL (varies by lot)                                                                                                               |
| Applicable Applications for anti-MRGX4 antibody | IC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)                                                                 |
| Immunogen                                       | KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human MRGX4. The exact sequence is proprietary. |
| Preparation and Storage                         | Store at -20 degree C. Avoid repeated freeze/thaw cycles.                                                                            |

### IMAGES



#### IF (Immunofluorescence)

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.



#### WB (Western Blot)

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

ADDITIONAL INFORMATION

|                                                   |                    |
|---------------------------------------------------|--------------------|
| Product Categories/Family for anti-MRGX4 antibody | Primary antibodies |
|---------------------------------------------------|--------------------|

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                 | 36,461 Da                                                                                                                                                                                                      |
| NCBI Official Full Name          | mas-related G-protein coupled receptor member X4                                                                                                                                                               |
| NCBI Official Synonym Full Names | MAS-related GPR, member X4                                                                                                                                                                                     |
| NCBI Official Symbol             | MRGPRX4                                                                                                                                                                                                        |
| NCBI Official Synonym Symbols    | GPCR; MRGX4; SNSR6                                                                                                                                                                                             |
| NCBI Protein Information         | mas-related G-protein coupled receptor member X4; G protein-coupled receptor MRGX4; G protein-coupled receptor SNSR5; G protein-coupled receptor SNSR6; sensory neuron-specific G-protein coupled receptor 5/6 |
| UniProt Protein Name             | Mas-related G-protein coupled receptor member X4                                                                                                                                                               |
| UniProt Gene Name                | MRGPRX4                                                                                                                                                                                                        |
| UniProt Synonym Gene Names       | MRGX4; SNSR5; SNSR6                                                                                                                                                                                            |
| UniProt Entry Name               | MRGX4_HUMAN                                                                                                                                                                                                    |

**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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