

Datasheet for ABIN2856580  
**anti-MRGPRX4 antibody (C-Term)**



[Go to Product page](#)

2 Images

## Overview

|                      |  |
|----------------------|--|
| Quantity:            | 100 µL   |
| Target:              | MRGPRX4  |
| Binding Specificity: | C-Term   |
| Reactivity:          | Human  |
| Host:                | Rabbit   |
| Clonality:           | Polyclonal   |
| Conjugate:           | This MRGPRX4 antibody is un-conjugated   |
| Application:         | Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

## Product Details

|                  |  |
|------------------|--|
| Immunogen:       | Carrier-protein conjugated synthetic peptide encompassing a sequence within the C-terminus region of human MRGPRX4. The exact sequence is proprietary. |
| Isotype:         | IgG  |
| Characteristics: | Rabbit Polyclonal antibody to MRGPRX4 (MAS-related GPR, member X4)<br>MRGPRX4 antibody [C2C3], C-term  |
| Purification:    | Purified by antigen-affinity chromatography.   |

## Target Details

|                   |  |
|-------------------|--|
| Target:           | MRGPRX4                                      |
| Alternative Name: | MRGPRX4 ( <a href="#">MRGPRX4 Products</a> ) |

## Target Details

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Background: 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.

Cellular Localization: Cell membrane, Multi-pass membrane protein

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Molecular Weight: 36 kDa

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Gene ID: 117196

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## Application Details

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Application Notes: Suggested dilution Reference IHC (Formalin-fixed paraffin-embedded sections) 1:100-1:1000\* Western blot 1:500-1:3000\* Not tested in other applications. \*Optimal dilutions/concentrations should be determined by the researcher. Suggested dilution Reference IHC (Formalin-fixed paraffin-embedded sections) 1:100-1:1000\* Western blot 1:500-1:3000\*

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Comment: Positive Control: H1299, HeLa

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Concentration: 1 mg/mL

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Buffer: 0.1M Tris, 0.1M Glycine, 10 % Glycerol (pH 7). 0.01 % Thimerosal was added as a preservative.

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Preservative: Thimerosal (Merthiolate)

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Precaution of Use: This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

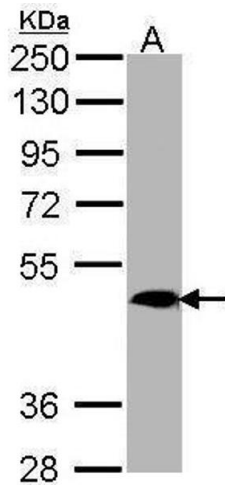
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Storage: -20 °C

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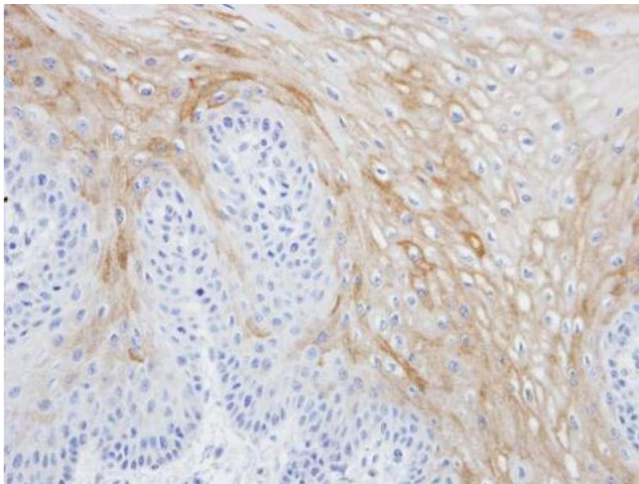
Storage Comment: Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

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### Western Blotting

**Image 1.** WB Image Sample (30 ug of whole cell lysate) A:  
H1299 10% SDS PAGE antibody diluted at 1:1000



### Immunohistochemistry

**Image 2.** IHC-P Image Immunohistochemical analysis of paraffin-embedded Tw2.6 xenograft, using MRGPRX4, antibody at 1:100 dilution.