

Datasheet for ABIN1713561  
**anti-MS4A15 antibody (AA 31-130)**



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## Overview

|                      |  |
|----------------------|--|
| Quantity:            | 100 µL   |
| Target:              | MS4A15   |
| Binding Specificity: | AA 31-130  |
| Reactivity:          | Human  |
| Host:                | Rabbit   |
| Clonality:           | Polyclonal   |
| Conjugate:           | This MS4A15 antibody is un-conjugated  |
| Application:         | ELISA, Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunofluorescence (Cultured Cells) (IF (cc)) |

## Product Details

|                       |  |
|-----------------------|--|
| Immunogen:            | KLH conjugated synthetic peptide derived from human MS4A15 |
| Isotype:              | IgG  |
| Predicted Reactivity: | Human, Mouse, Rat, Dog, Cow, Sheep, Pig, Horse, Rabbit     |
| Purification:         | Purified by Protein A.                                     |

## Target Details

|                   |  |
|-------------------|--|
| Target:           | MS4A15                                     |
| Alternative Name: | MS4A15 ( <a href="#">MS4A15 Products</a> ) |

## Target Details

|             |  |
|-------------|--|
| Background: | <p>Synonyms: FLJ34527, Hypothetical protein MGC35295, M4A15_HUMAN, Membrane spanning 4 domains subfamily A member 15, Membrane-spanning 4-domains subfamily A member 15, MGC35295, MS4A15.</p> <p>Background: MS4A (membrane-spanning 4-domain family, subfamily A) is a large family of proteins that includes at least 26 members in mouse and humans. Flanked by amino- and carboxyl- cytoplasmic regions, MS4A family members contain four highly conserved transmembrane domains. CD20, the most well-known MS4A family member, is a B-cell-specific molecule that functions as a calcium-permeable cation channel and is known to accelerate the G0 to G1 progression induced by IGF-1. MS4A15 (membrane-spanning 4-domains, subfamily A, member 15) is a 240 amino acid multi-pass membrane protein that exists as two alternatively spliced isoforms. The gene encoding MS4A15 maps to human chromosome 11, which houses over 1,400 genes and comprises nearly 4 % of the human genome. Jervell and Lange-Nielsen syndrome, Jacobsen syndrome, Niemann-Pick disease, hereditary angioedema and Smith-Lemli-Opitz syndrome are associated with defects in genes that maps to chromosome 11.</p> |
|-------------|--|

## Application Details

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| Application Notes: | <p>ELISA 1:500-1000</p> <p>IHC-P 1:200-400</p> <p>IHC-F 1:100-500</p> <p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p> <p>ICC 1:100-500</p> |
| Restrictions:      | For Research Use only  |

## Handling

|                    |  |
|--------------------|--|
| Format:            | Liquid   |
| Concentration:     | 1 µg/µL  |
| Buffer:            | 0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.  |
| Preservative:      | ProClin  |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage:           | 4 °C,-20 °C  |

Handling

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|                  |   |
|------------------|---|
| Storage Comment: | Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. |
| Expiry Date:     | 12 months   |