

Anti-Ms4a10 Antibody [PSH0-71] - BSA and Azide free

HA750650



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|----------------------------|---|
| Product Type: | Recombinant Rabbit monoclonal IgG, primary antibodies |
| Species reactivity: | Mouse, Rat |
| Applications: | WB, IHC-P, IF-Tissue |
| Molecular Wt: | Predicted band size: 29 kDa |
| Clone number: | PSH0-71 |

Description: Most MS4A genes, including MS4A10, encode proteins with at least 4 potential transmembrane domains and N- and C-terminal cytoplasmic domains encoded by distinct exons. May be involved in signal transduction as a component of a multimeric receptor complex.

Immunogen: Synthetic peptide within mouse Ms4a10 aa 218-267 / 267.

Positive control: Mouse small intestine tissue, rat small intestine tissue.

Subcellular location: Membrane.

Database links: SwissProt: Q99N03 Mouse | D4A504 Rat

Recommended Dilutions:

| | |
|------------------|-------------|
| WB | 1:1,000 |
| IHC-P | 1:100-1:500 |
| IF-Tissue | 1:200 |

Storage Buffer: 1*PBS (pH7.4).

Storage Instruction: Store at +4°C after thawing. Aliquot store at -20°C. Avoid repeated freeze / thaw cycles.

Purity: Protein A affinity purified.

Hangzhou Huaan Biotechnology Co., Ltd.

Orders:0086-571-88062880

Technical:0086-571-89986345

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Images

Fig1: Western blot analysis of Ms4a10 on different lysates with Rabbit anti-Ms4a10 antibody (HA750650) at 1/1,000 dilution.

Lane 1: HeLa whole cell lysate

Lane 2: HeLa overexpress mouse Ms4a10 whole cell lysate

Lysates/proteins at 30 µg/Lane.

Predicted band size: 29 kDa

Observed band size: 29/25 kDa

Exposure time: 4 seconds;

4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDN/TBST for 1 hour at room temperature. The primary antibody (HA750650) at 1/1,000 dilution was used in 5% NFDN/TBST at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody (HA1001) at 1:100,000 dilution was used for 1 hour at room temperature.

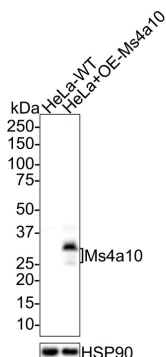
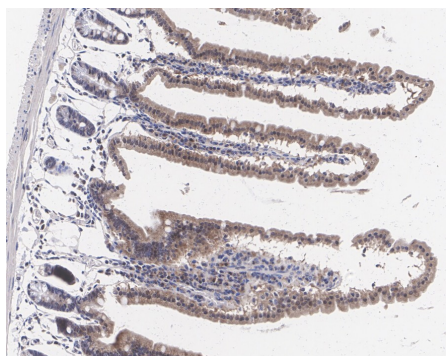
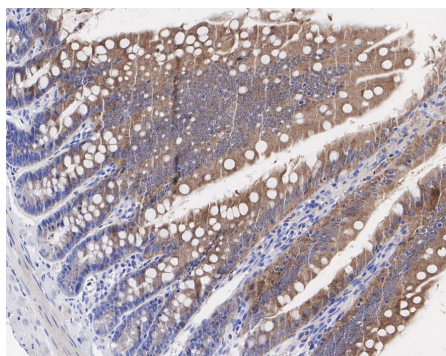


Fig2: Immunohistochemical analysis of paraffin-embedded mouse small intestine tissue with Rabbit anti-Ms4a10 antibody (HA750650) at 1/100 dilution.



The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody (HA750650) at 1/100 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.

Fig3: Immunohistochemical analysis of paraffin-embedded rat small intestine tissue with Rabbit anti-Ms4a10 antibody (HA750650) at 1/500 dilution.



The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody (HA750650) at 1/500 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.

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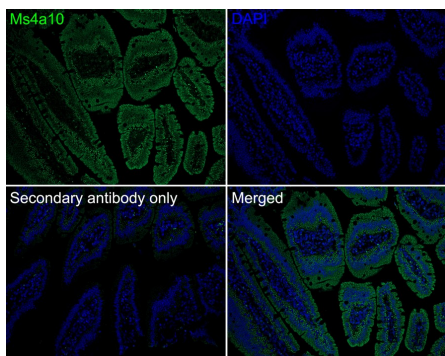


Fig4: Immunofluorescence analysis of paraffin-embedded mouse small intestine tissue labeling Ms4a10 with Rabbit anti-Ms4a10 antibody (HA750650) at 1/200 dilution.

The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 10% negative goat serum for 1 hour at room temperature, washed with PBS, and then probed with the primary antibody (HA750650, green) at 1/200 dilution overnight at 4 °C, washed with PBS.

Goat Anti-Rabbit IgG H&L (iFluor™ 488, HA1121) was used as the secondary antibody at 1/1,000 dilution. Nuclei were counterstained with DAPI (blue).

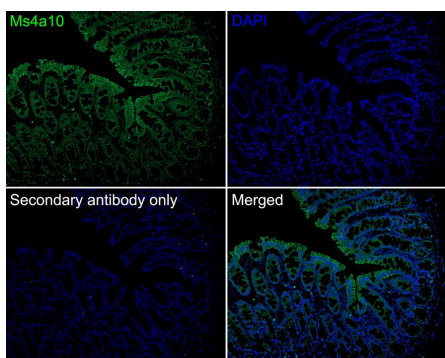


Fig5: Immunofluorescence analysis of paraffin-embedded rat small intestine tissue labeling Ms4a10 with Rabbit anti-Ms4a10 antibody (HA750650) at 1/200 dilution.

The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 10% negative goat serum for 1 hour at room temperature, washed with PBS, and then probed with the primary antibody (HA750650, green) at 1/200 dilution overnight at 4 °C, washed with PBS.

Goat Anti-Rabbit IgG H&L (iFluor™ 488, HA1121) was used as the secondary antibody at 1/1,000 dilution. Nuclei were counterstained with DAPI (blue).

Note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE".