

# Anti-Ms4a10 Antibody [PSH0-71]

HA721472



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

<b>WB</b>	1:1,000
<b>IHC-P</b>	1:100-1:500
<b>IF-Tissue</b>	1:200

**Storage Buffer:** PBS (pH7.4), 0.1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.

**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

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## Images

**Fig1:** Western blot analysis of Ms4a10 on different lysates with Rabbit anti-Ms4a10 antibody (HA721472) at 1/1,000 dilution.

Lane 1: HeLa whole cell lysate

Lane 2: HeLa overexpress mouse Ms4a10 whole cell lysate

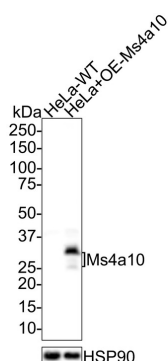
Lysates/proteins at 30 µg/Lane.

Predicted band size: 29 kDa

Observed band size: 29/25 kDa

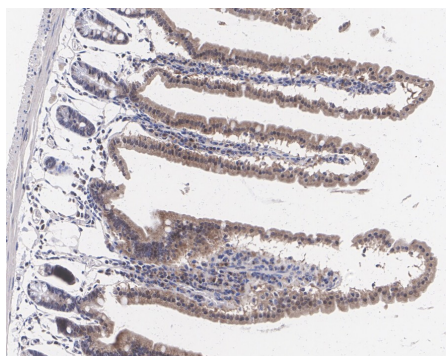
Exposure time: 4 seconds;

4-20% SDS-PAGE gel.



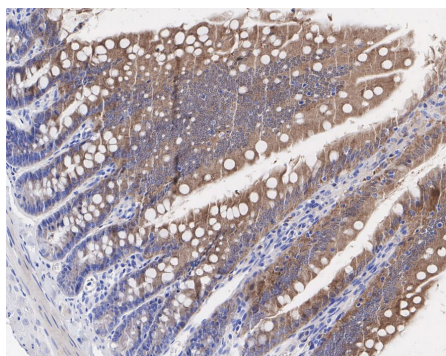
Proteins were transferred to a PVDF membrane and blocked with 5% NFDN/TBST for 1 hour at room temperature. The primary antibody (HA721472) at 1/1,000 dilution was used in 5% NFDN/TBST at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody (HA1001) at 1:100,000 dilution was used for 1 hour at room temperature.

**Fig2:** Immunohistochemical analysis of paraffin-embedded mouse small intestine tissue with Rabbit anti-Ms4a10 antibody (HA721472) 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 ddH<sub>2</sub>O and PBS, and then probed with the primary antibody (HA721472) 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 (HA721472) 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 ddH<sub>2</sub>O and PBS, and then probed with the primary antibody (HA721472) 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.

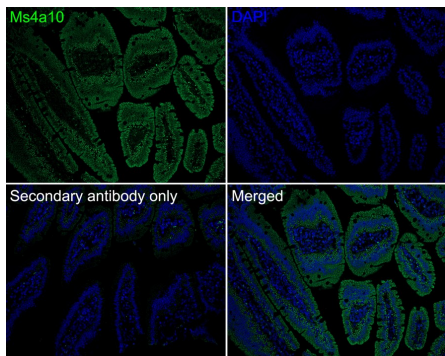
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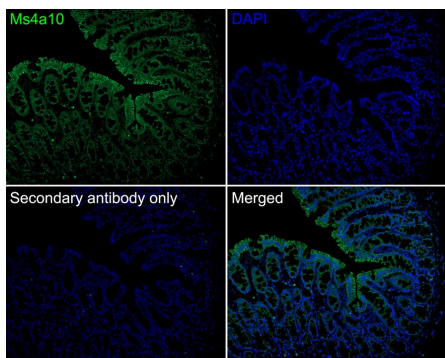
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**Fig4:** Immunofluorescence analysis of paraffin-embedded mouse small intestine tissue labeling Ms4a10 with Rabbit anti-Ms4a10 antibody (HA721472) at 1/200 dilution.

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 (HA721472, 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 (HA721472) 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 (HA721472, 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".