



## Rabbit Anti-MS4A15 antibody

SL13691R

<b>Product Name:</b>	MS4A15
<b>Chinese Name:</b>	MS4A15蛋白抗体
<b>Alias:</b>	FLJ34527; Hypothetical protein MGC35295; M4A15_HUMAN; Membrane spanning 4 domains subfamily A member 15; Membrane-spanning 4-domains subfamily A member 15; MGC35295; MS4A15.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit,Sheep,
<b>Applications:</b>	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	25kDa
<b>Cellular localization:</b>	The cell membrane
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human MS4A15:31-130/240
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	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.

**Function:**

May be involved in signal transduction as a component of a multimeric receptor complex.

**Subcellular Location:**

Membrane.

**Similarity:**

Belongs to the MS4A family.

**SWISS:**

Q8N5U1

**Gene ID:**

219995

**Database links:**

[Entrez Gene: 219995](#) Human

[Entrez Gene: 545279](#) Mouse

[SwissProt: Q8N5U1](#) Human

[SwissProt: Q3UPL6](#) Mouse

[Unigene: 207465](#) Human

[Unigene: 329729](#) Mouse

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.