

MS4A2 Rabbit Polyclonal Antibody



CAB8543

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

27kDa

Calculated MW:

26kDa

Applications:

WB

Reactivity:

Human

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Protein Background

The allergic response involves the binding of allergen to receptor-bound IgE followed by cell activation and the release of mediators responsible for the manifestations of allergy. The IgE-receptor, a tetramer composed of an alpha, beta, and 2 disulfide-linked gamma chains, is found on the surface of mast cells and basophils. This gene encodes the beta subunit of the high affinity IgE receptor which is a member of the membrane-spanning 4A gene family. Members of this nascent protein family are characterized by common structural features and similar intron/exon splice boundaries and display unique expression patterns among hematopoietic cells and nonlymphoid tissues. This family member is localized to 11q12, among a cluster of membrane-spanning 4A gene family members. Alternative splicing results in multiple transcript variants encoding distinct proteins. Additional transcript variants have been described but require experimental validation.

Immunogen information

Gene ID:

2206

Uniprot

Q01362

Synonyms:

MS4A2; APY; ATOPY; FCER1B; FCERI; IGEL; IGER; IGHF; MS4A1

Immunogen:

A synthetic peptide corresponding to a sequence within amino acids 1-100 of human MS4A2 (NP_000130.1).

Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Product Images
