

DNAxPAb

Hard-to-Find
Antibody

MS4A2 DNAxPab

Catalog # H00002206-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a partial-length human MS4A2 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Extracellular membrane domain (ECD) human DNA
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — MS4A2

Entrez GeneID	2206
GeneBank Accession#	NM_000139.2
Protein Accession#	NP_000130.1
Gene Name	MS4A2
Gene Alias	APY, ATOPY, FCER1B, FCERI, IGEL, IGER, IGER, MS4A1
Gene Description	membrane-spanning 4-domains, subfamily A, member 2 (Fc fragment of IgE, high affinity I, recept or for; beta polypeptide)
Omim ID	147050 147138
Gene Ontology	Hyperlink
Gene Summary	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 family members. Alternative splicing results in multiple transcript variants encoding different isoforms
Other Designations	Fc IgE receptor, beta chain Fc epsilon receptor I beta-chain Fc-epsilon receptor I beta-chain High affinity immunoglobulin epsilon receptor beta-subunit (FcERI) (IgE Fc receptor, beta-subunit) (Fc epsilon receptor I beta-chain) IgE responsiveness (atopic)

Pathway

- [Asthma](#)
- [Fc epsilon RI signaling pathway](#)

Disease

- [Angioneurotic Edema](#)
- [Asthma](#)
- [Atherosclerosis](#)
- [Brain Ischemia](#)

- [Bronchial Hyperreactivity](#)
- [Bronchiolitis](#)
- [Calcinosis](#)
- [Cardiovascular Diseases](#)
- [Cerebrovascular Disorders](#)
- [Chlamydia Infections](#)
- [Chronic Disease](#)
- [Constriction](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Dermatitis](#)
- [Diabetes Mellitus](#)
- [Drug Hypersensitivity](#)
- [Eczema](#)
- [Edema](#)
- [Eosinophilia](#)
- [Food Hypersensitivity](#)
- [Genetic Predisposition to Disease](#)
- [Hodgkin Disease](#)
- [Hypersensitivity](#)
- [Hypertension](#)
- [Infant](#)
- [Inflammation](#)
- [Liver Diseases](#)
- [Lung Diseases](#)
- [Migraine Disorders](#)

- [Myocardial Ischemia](#)
- [Obesity](#)
- [Osteoporosis](#)
- [Pneumonia](#)
- [Pulmonary Disease](#)
- [Recurrence](#)
- [Respiratory Sounds](#)
- [Respiratory Syncytial Virus Infections](#)
- [Rhinitis](#)
- [Stroke](#)
- [Trachoma](#)
- [Urticaria](#)
- [Wegener Granulomatosis](#)