

Rabbit FCER1A Polyclonal Antibody | anti-FCER1A antibody

FCER1A antibody - middle region

CATALOG # AAA199530	HOST Rabbit	REACTIVITY Tested: Human Predicted: Rabbit, Rat	APPLICATIONS Western Blot
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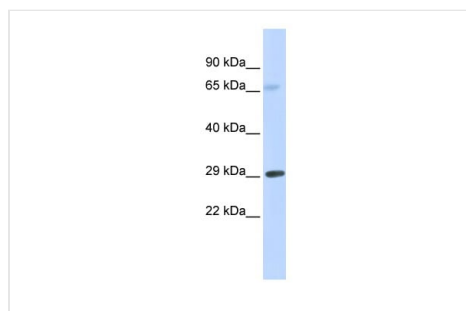
PRODUCT SYNONYMS

FCER1A; Polyclonal Antibody; FCER1A antibody - middle region; anti-FCER1A antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Tested: Human Predicted: Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration	0.5 mg/ml (varies by lot)
Sequence	Synthetic peptide with the following region: IY YKDGEALKYW YENHNISITN ATVEDSGTYY CTGKVVQLDY ESEPLNIT
Sequence Length	257
Applicable Applications for anti-FCER1A antibody	WB (Western Blot)
Homology	Human: 100%; Rabbit: 85%; Rat: 77%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human FCER1A
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-FCER1A Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive

Control: Human Muscle

ADDITIONAL INFORMATION

Related Product Information for anti-FCER1A antibody	This is a rabbit polyclonal antibody against FCER1A. It was validated on Western Blot using a cell lysate as a positive control. Target Description: The IgE receptor plays a central role in allergic disease, coupling allergen and mast cell to initiate the inflammatory and immediate hypersensitivity responses that are characteristic of disorders such as hay fever and asthma. The allergic response occurs when 2 or more high-affinity IgE receptors are crosslinked via IgE molecules that in turn are bound to an allergen (antigen) molecule. A perturbation occurs that brings about the release of histamine and proteases from the granules in the cytoplasm of the mast cell and leads to the synthesis of prostaglandins and leukotrienes--potent effectors of the hypersensitivity response. The IgE receptor consists of 3 subunits: alpha, beta (MIM 147138), and gamma (MIM 147139); only the alpha subunit is glycosylated.The IgE receptor plays a central role in allergic disease, coupling allergen and mast cell to initiate the inflammatory and immediate hypersensitivity responses that are characteristic of disorders such as hay fever and asthma. The allergic response occurs when 2 or more high-affinity IgE receptors are crosslinked via IgE molecules that in turn are bound to an allergen (antigen) molecule. A perturbation occurs that brings about the release of histamine and proteases from the granules in the cytoplasm of the mast cell and leads to the synthesis of prostaglandins and leukotrienes--potent effectors of the hypersensitivity response. The IgE receptor consists of 3 subunits: alpha, beta (MIM 147138), and gamma (MIM 147139); only the alpha subunit is glycosylated.[supplied by OMIM]. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
Product Categories/Family for anti-FCER1A antibody	Polyclonal; Signal Proteins; Lymphocyte Signaling; Membrane Protein; Disease Related; Receptors; Phosphorylation

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503675
NCBI GeneID	2205
NCBI Accession #	NP_001992
NCBI GenBank Nucleotide #	NM_002001
UniProt Accession #	P12319
Molecular Weight	27kDa
NCBI Official Full Name	high affinity immunoglobulin epsilon receptor subunit alpha
NCBI Official Synonym Full Names	Fc fragment of IgE receptor Ia
NCBI Official Symbol	FCER1A
NCBI Official Synonym Symbols	FCE1A; FcERI
NCBI Protein Information	high affinity immunoglobulin epsilon receptor subunit alpha
UniProt Protein Name	High affinity immunoglobulin epsilon receptor subunit alpha
UniProt Gene Name	FCER1A
UniProt Synonym Gene Names	FCE1A; FcERI
UniProt Entry Name	FCERA_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.