

Rabbit anti-Human FCER1A Polyclonal Antibody | anti-FCER1A antibody

FCER1A Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA326358	Rabbit	Human	ELISA, Immunohistochemistry, Western Blot

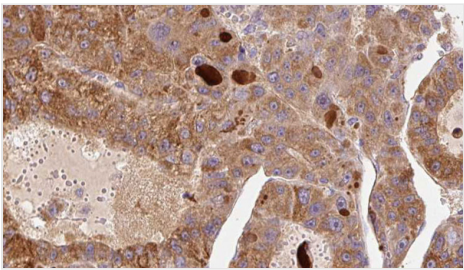
PRODUCT SYNONYMS

FCER1A; Polyclonal Antibody; FCER1A Antibody; Fc epsilon RI alpha; Fc epsilon RI alpha chain; Fc epsilon RI alpha-chain; Fc fragment of IgE high affinity I receptor for alpha polypeptide; Fc fragment of IgE; high affinity I; receptor for; alpha subunit; alpha polypeptide; Fc IgE receptor alpha polypeptide; Fc IgE receptor; alpha chain; Fc of IgE high affinity I receptor for alpha polypeptide; Fc-epsilon RI-alpha; FCE 1A; FCE1A; FCER 1A; Fcer1a; FCERA_HUMAN; FceRI alpha; FcERI; high affinity IgE receptor; High affinity immunoglobulin epsilon receptor alpha subunit; high affinity immunoglobulin epsilon receptor alpha-subunit; High affinity immunoglobulin epsilon receptor subunit alpha; IgE Fc receptor alpha subunit; IgE Fc receptor subunit alpha; Immunoglobulin E receptor high affinity of mast cells alpha polypeptide; immunoglobulin E receptor; high-affinity; of mast cells; anti-FCER1A antibody

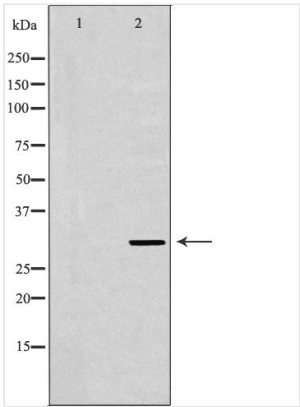
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	FCER1A antibody detects endogenous levels of total FCER1A
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	257
Applicable Applications for anti-FCER1A antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human FCER1A
Subcellular Location	Cell Membrane
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohiostchemistry)
AAA326358 at 1/100 staining Human liver cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis of extracts of mouse spleen, using FCER1A antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-FCER1A antibody	Description: Fc fragment of IgE, high affinity I, receptor for, alpha polypeptide, also known as high affinity immunoglobulin epsilon receptor subunit alpha, FCER1A and FCE1A, is a single-pass type I membrane protein which contains 2 immunoglobulin-like domains. FCER1A is a subunit of the IgE receptor, which is composed of one glycosylated alpha (FCER1A), one beta (FCER1B), and two gamma (FCER1G) subunits. The high affinity 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. Function: Binds to the Fc region of immunoglobulins epsilon. High affinity receptor. Responsible for initiating the allergic response. Binding of allergen to receptor-bound IgE leads to cell activation and the release of mediators (such as histamine) responsible for the manifestations of allergy. The same receptor also induces the secretion of important lymphokines. Subunit Structure: Tetramer of an alpha chain, a beta chain, and two disulfide linked gamma chains.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4503675
NCBI GeneID	2205
NCBI Accession #	NP_001992.1
NCBI GenBank Nucleotide #	NM_002001.3
UniProt Accession #	P12319
Molecular Weight	Observed: 30 kDa Predicted: 30 kDa
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

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/fcer1a-antibody-immunohistochemistry-western-blot-elisa/326358>