



Anti-FCER1A (full length) polyclonal antibody (DPAB-DC956)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	The immunoglobulin epsilon receptor (IgE receptor) is the initiator of the allergic response. When two or more high-affinity IgE receptors are brought together by allergen-bound IgE molecules, mediators such as histamine that are responsible for allergy symptoms are released. This receptor is comprised of an alpha subunit, a beta subunit, and two gamma subunits. The protein encoded by this gene represents the alpha subunit.
Immunogen	FCER1A (AAH05912.1, 1 a.a. ~ 257 a.a) full-length recombinant protein with GST tag. The sequence is MAPAMESPTLLCVALLFFAPDGVLA VPQPKVSLNPPWNRIFKGENVT LTCNGNNFFEVS STKW FHN GSLSEETNSSLNIVNAKFEDSGEYK CQHQQVNESEPVYLEV FSDWLLQASAE VVM EGQPLFLRCHGW RNWDVYKV IYYKDGEALKY WYENHNISITNATVEDSGTYYCTGKV WQLDYESEPLNITVIKAPREKYWLQFFIPLL VVILFAVDTGLFISTQQQVTFL LKIKRTR KGFRL LNPHPKPNPKNN
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	FCER1A Fc fragment of IgE, high affinity I, receptor for; alpha polypeptide [Homo sapiens (human)]
Official Symbol	FCER1A
Synonyms	FCER1A; Fc fragment of IgE, high affinity I, receptor for; alpha polypeptide; FCE1A; FcERI; high affinity immunoglobulin epsilon receptor subunit alpha; Fc-epsilon RI-alpha; Fc epsilon RI alpha-chain; igE Fc receptor subunit alpha; Fc IgE receptor, alpha polypeptide; high affinity immunoglobulin epsilon receptor alpha-subunit; immunoglobulin E receptor, high-affinity, of mast cells, alpha polypeptide;
Entrez Gene ID	2205
Protein Refseq	NP_001992
UniProt ID	P12319
Chromosome Location	1q23
Pathway	Asthma; Fc epsilon RI signaling pathway; Fc epsilon receptor (FCERI) signaling; Immune System
Function	IgE binding; IgE receptor activity;