



Rabbit Anti-Human FcγRI Polyclonal Antibody (CABT-L2076)

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

PRODUCT INFORMATION

Product Overview	Polyclonal Antibody to Receptor I For The Fc Region Of Immunoglobulin G (Knockout Validated)
Specificity	The antibody is a rabbit polyclonal antibody raised against FcγRI. It has been selected for its ability to recognize FcγRI in immunohistochemical staining and western blotting.
Target	FcγRI
Immunogen	Recombinant fragment corresponding to human FCGR1A (Gln35~Thr235)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Antigen-specific affinity chromatography followed by Protein A affinity chromatography
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Concentration	Lot specific
Size	200 µg
Buffer	Supplied as solution form in 0.01M PBS with 50% glycerol, pH7.4.
Preservative	0.05% Proclin-300

Storage	Avoid repeated freeze/thaw cycles. Store at 4°C for frequent use. Aliquot and store at -20°C for 12 months.
Ship	4°C with ice bags

BACKGROUND

Introduction	This gene encodes a protein that plays an important role in the immune response. This protein is a high-affinity Fc-gamma receptor. The gene is one of three related gene family members located on chromosome 1. [provided by RefSeq, Jul 2008]
Keywords	CD64;FCGR1;FCGR1A;FCGR1B;FCGR1C;FcγRIA;CD64A;FcγRIB;CD64B;FcγRIC;CD64C;High affinity immunoglobulin gamma Fc receptor I

GENE INFORMATION

Gene Name	FCGR1A Fc fragment of IgG, high affinity Ia, receptor (CD64) [Homo sapiens (human)]
Official Symbol	FCGR1A
Synonyms	FCGR1A; Fc fragment of IgG, high affinity Ia, receptor (CD64); CD64; FCRI; CD64A; IGFR1; high affinity immunoglobulin gamma Fc receptor I; fcγgammaRIa; Fc-gamma RI; fc-gamma RIA; Fc gamma receptor; IgG Fc receptor I; Fc-gamma receptor I A1; Fc fragment of IgG, high affinity Ia, receptor for (CD64);
Protein Refseq	NP_000557
UniProt ID	P12314
Chromosome Location	1q21.2-q21.3
Pathway	Adaptive Immune System; Antigen processing-Cross presentation; Class I MHC mediated antigen processing & presentation; Cross-presentation of soluble exogenous antigens (endosomes); Cytokine Signaling in Immune system; FCGR activation; Fc gamma R-mediated phagocytosis; Fcγgamma receptor (FCGR) dependent phagocytosis;
Function	IgG binding; protein binding; receptor signaling protein activity;