

Datasheet for ABIN657457
anti-FCGR3A antibody (C-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	400 µL
Target:	FCGR3A
Binding Specificity:	AA 226-254, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

Product Details

Immunogen:	This FCGR3A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 226-254 amino acids from the C-terminal region of human FCGR3A.
Clone:	RB33601
Isotype:	IgG
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	FCGR3A
Alternative Name:	FCGR3A (FCGR3A Products)
Background:	This gene encodes a receptor for the Fc portion of immunoglobulin G, and it is involved in the removal of antigen-antibody complexes from the circulation, as well as other other antibody-dependent responses. This gene (FCGR3A) is highly similar to another nearby gene (FCGR3B)

Target Details

located on chromosome 1. The receptor encoded by this gene is expressed on natural killer (NK) cells as an integral membrane glycoprotein anchored through a transmembrane peptide, whereas FCGR3B is expressed on polymorphonuclear neutrophils (PMN) where the receptor is anchored through a phosphatidylinositol (PI) linkage. Mutations in this gene have been linked to susceptibility to recurrent viral infections, susceptibility to systemic lupus erythematosus, and alloimmune neonatal neutropenia. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Molecular Weight: 29089

Gene ID: 2214

NCBI Accession: [NP_000560](#), [NP_001121064](#), [NP_001121065](#), [NP_001121067](#), [NP_001121068](#)

UniProt: [P08637](#)

Application Details

Application Notes: WB: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

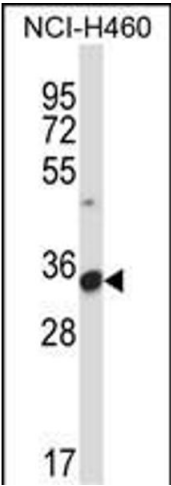
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: FCGR3A Antibody (C-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C.

Expiry Date: 6 months



Western Blotting

Image 1. FCGR3A Antibody (C-term) (ABIN657457 and ABIN2846484) western blot analysis in NCI- cell line lysates (35 µg/lane). This demonstrates the FCGR3A antibody detected the FCGR3A protein (arrow).