

Datasheet for ABIN3016244
anti-FCGR3A antibody (AA 150-250)[Go to Product page](#)

2 Images

Overview

| | |
|----------------------|---------------------------------------|
| Quantity: | 100 µL |
| Target: | FCGR3A |
| Binding Specificity: | AA 150-250 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This FCGR3A antibody is un-conjugated |
| Application: | Western Blotting (WB) |

Product Details

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|-------------------|--|
| Immunogen: | A synthetic peptide corresponding to a sequence within amino acids 150-250 of human FCGR3A (NP_001121067.1). |
| Sequence: | YFHHNSDFYI PKATLKDSGS YFCRGLFGSK NVSSETVNIT ITQGLAVSTI SSFFPPGYQV SFCLVMVLLF AVDTGLYFSV KTNIRSSTRD WKDHKFKWRK D |
| Isotype: | IgG |
| Cross-Reactivity: | Human, Mouse, Rat |
| Characteristics: | Polyclonal Antibodies |
| Purification: | Affinity purification |

Target Details

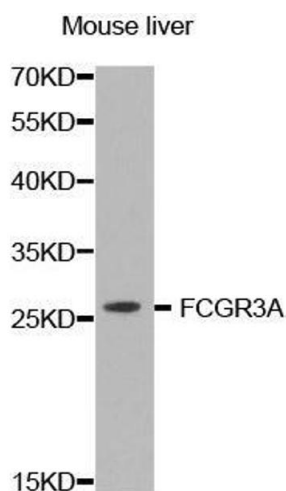
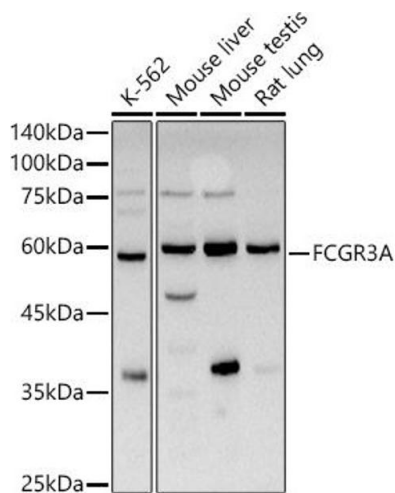
| | |
|-------------------|--|
| Target: | FCGR3A |
| Alternative Name: | FCGR3A (FCGR3A Products) |
| Background: | <p>This gene encodes a receptor for the Fc portion of immunoglobulin G, and it is involved in the removal of antigen-antibody complexes from the circulation, as well as other antibody-dependent responses. This gene (FCGR3A) is highly similar to another nearby gene (FCGR3B) 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.,CD16,CD16A,FCG3,FCGR3,FCGR3III,FCR-10,FCR3III,FCR3IIIA,IGFR3,IMD20,FCGR3A,Immunology & Inflammation,CD markers,Stem Cells,Hematopoietic Progenitors,FCGR3A</p> |
| Molecular Weight: | 29 kDa |
| Gene ID: | 2214 |
| UniProt: | P08637 |

Application Details

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|--------------------|-----------------------|
| Application Notes: | WB,1:500 - 1:2000 |
| Restrictions: | For Research Use only |

Handling

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|--------------------|--|
| Buffer: | PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3. |
| 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: | -20 °C |
| Storage Comment: | Store at -20°C. Avoid freeze / thaw cycles. |



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using FCGR3A antibody (ABIN3016243, ABIN3016244, ABIN3016245 and ABIN6219650) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 3s.

Western Blotting

Image 2.