

Product Name: CD64 Rabbit Polyclonal Antibody
Catalog #: APRab08431

Summary

Production Name	CD64 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,IHC-P,IF-P,IF-F,ICC/IF,ELISA
Reactivity	Human,Rat,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	FCGR1A FCG1 FCGR1 IGFR1
Alternative Names	High affinity immunoglobulin gamma Fc receptor I (IgG Fc receptor I;Fc-gamma RI;FcRI;Fc-gamma RIA;FcgammaRIa;CD antigen CD64)
Gene ID	2209.0
SwissProt ID	P12314.Synthetic peptide from human protein at AA range: 230-280

Application

Dilution Ratio	WB 1:500-2000, IHC-P 1:500-200, ELISA 1:10000-20000, IF-P/IF-F/ICC/IF 1:50-200
Molecular Weight	45kDa

Background

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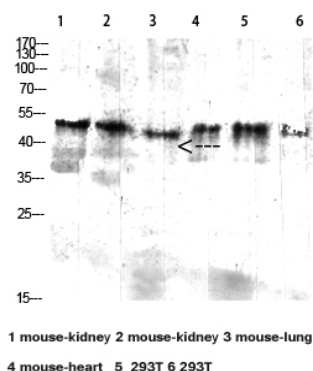


This gene encodes a protein that plays an important role in the immune response. This protein is a high-affinity Fc-gamma receptor. The gene is one of three related gene family members located on chromosome 1. [provided by RefSeq, Jul 2008],function:High affinity receptor for the Fc region of immunoglobulins gamma. Functions in both innate and adaptive immune responses.,online information:FCGR1A mutation db,PTM:N-glycosylated.,PTM:Phosphorylated on serine residues.,similarity:Belongs to the immunoglobulin superfamily. FCGR1 family.,similarity:Contains 3 Ig-like C2-type (immunoglobulin-like) domains.,subcellular location:Stabilized at the cell membrane through interaction with FCER1G.,subunit:Interacts with FCER1G; forms a functional signaling complex. Interacts with FLNA; prevents FCGR1A degradation. Interacts with EPB41L2, LAT and PPL.,tissue specificity:Monocyte/macrophage specific.,

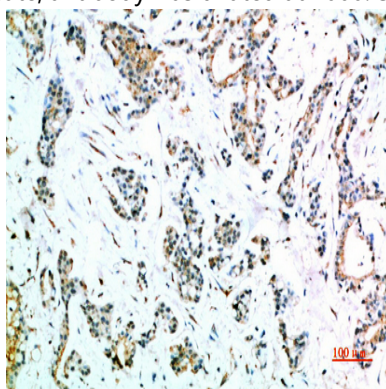
Research Area

Hematopoietic cell lineage;Fc gamma R-mediated phagocytosis;Systemic lupus erythematosus;

Image Data

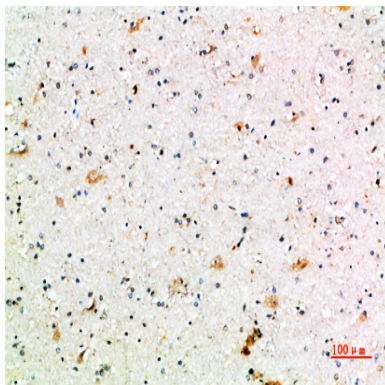


Western blot analysis of mouse-kidney lysate, antibody was diluted at 2000. Secondary antibody was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded human-stomach-cancer, antibody was diluted at 1:200

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Immunohistochemical analysis of paraffin-embedded human-brain, antibody was diluted at 1:200

Note

For research use only.