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anti-FcRn antibody (N-Term)



Images



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Overview

Quantity:	100 μL
Target:	FcRn
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Cow, Dog, Guinea Pig, Horse, Sheep
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FcRn antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human FCGRT
Sequence:	GWLGPQQYLS YNSLRGEAEP CGAWVWENQV SWYWEKETTD LRIKEKLFLE
Predicted Reactivity:	Cow: 79%, Dog: 79%, Guinea Pig: 86%, Horse: 79%, Human: 100%, Mouse: 79%, Sheep: 79%
Characteristics:	This is a rabbit polyclonal antibody against FCGRT. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	FcRn
Alternative Name:	FCGRT (FcRn Products)

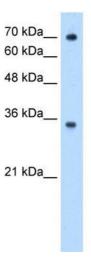
Target Details

Storage Comment:

rarget Details	
Background:	FCGRT binds to the Fc region of monomeric immunoglobulins gamma. It mediates the uptake of IgG from milk. It plays a possible role in transfer of immunoglobulin G from mother to fetus. Alias Symbols: FCRN, alpha-chain Protein Interaction Partner: ATG16L1, FCGRT, CA6, B2M, ALB, Protein Size: 365
Molecular Weight:	40 kDa
Gene ID:	2217
NCBI Accession:	NM_004107, NP_004098
UniProt:	P55899
Pathways:	Regulation of Leukocyte Mediated Immunity, Positive Regulation of Immune Effector Process
Application Details	
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 365 AA
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and may contain up to 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C

aliquots to prevent freeze-thaw cycles.

For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small



Western Blotting

Image 1. WB Suggested Anti-FCGRT Antibody Titration: 0.2-1 ug/ml Positive Control: HepG2 cell lysate FCGRT is supported by BioGPS gene expression data to be expressed in HepG2

250-

150-

100-

75-

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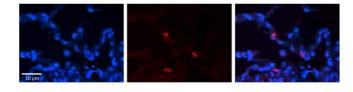
20-

15-

10-

Western Blotting

Image 2. Host: Rabbit Target Name: FUS Sample Type: Human 293T cell lysate Antibody Dilution: 1.0ug/ml



Immunohistochemistry

Image 3. Rabbit Anti-FCGRT Antibody Formalin Fixed Paraffin Embedded Tissue: Human Lung Tissue Observed Staining: Membrane and cytoplasmic in alveolar type I cells Primary Antibody Concentration: 1:100 Other Working Concentrations: 1/600 Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody Concentration: 1:200 Magnification: 20X Exposure Time: 0.5 - 2.0 sec