

Datasheet for ABIN1537146
anti-FcRn antibody (C-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	400 µL
Target:	FcRn
Binding Specificity:	AA 330-357, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FcRn antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This FCGRT antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 330-357 amino acids from the C-terminal region of human FCGRT.
Clone:	RB39368
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	FcRn
Alternative Name:	FCGRT (FcRn Products)
Background:	This gene encodes a receptor that binds the Fc region of monomeric immunoglobulin G. The

Target Details

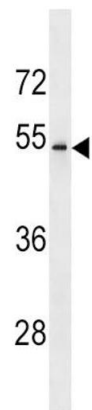
	encoded protein transfers immunoglobulin G antibodies from mother to fetus across the placenta. This protein also binds immunoglobulin G to protect the antibody from degradation. Alternative splicing results in multiple transcript variants.
Molecular Weight:	39743
Gene ID:	2217
NCBI Accession:	NP_001129491 , NP_004098
UniProt:	P55899
Pathways:	Regulation of Leukocyte Mediated Immunity , Positive Regulation of Immune Effector Process

Application Details

Application Notes:	WB: 1:500. WB: 1:1000
Restrictions:	For Research Use only

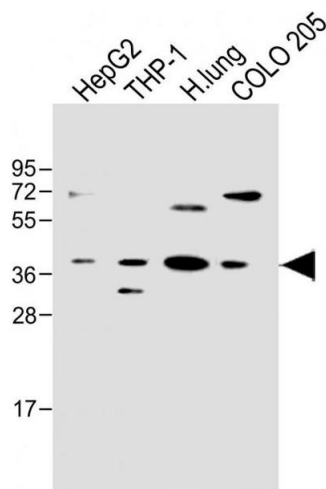
Handling

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:	FCGRT Antibody (C-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.
Expiry Date:	6 months



Western Blotting

Image 1. FCGRT Antibody (C-term) (ABIN1537146 and ABIN2838289) western blot analysis in NCI- cell line lysates (35 µg/lane). This demonstrates the FCGRT antibody detected the FCGRT protein (arrow).



Western Blotting

Image 2. All lanes : Anti-FCGRT Antibody (C-term) at 1:500 dilution Lane 1: HepG2 whole cell lysate Lane 2: THP-1 whole cell lysate Lane 3: Human lung lysate Lane 4: COLO 205 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 40 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.