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## Datasheet for ABIN2783229 anti-CD36 antibody (N-Term)

6 Images



## Overview

Quantity:	100 μL
Target:	CD36
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Pig, Dog, Goat, Horse, Rabbit, Cow, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CD36 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 CD36
Sequence:	KTIKKQVVLE EGTIAFKNWV KTGTEVYRQF WIFDVQNPQE VMMNSSNIQV
Predicted Reactivity:	Cow: 93%, Dog: 100%, Goat: 93%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Mouse: 93%, Pig: 100%, Rabbit: 93%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against CD36. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified
Target Details	
Target:	CD36

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Target Details	
Alternative Name:	CD36 (CD36 Products)
Background:	CD36 is the fourth major glycoprotein of the platelet surface and serves as a receptor for thrombospondin in platelets and various cell lines. Since thrombospondins are widely
	distributed proteins involved in a variety of adhesive processes, this protein may have importan
	functions as a cell adhesion molecule. It binds to collagen, thrombospondin, anionic
	phospholipids and oxidized LDL. It directly mediates cytoadherence of Plasmodium falciparum
	parasitized erythrocytes and it binds long chain fatty acids and may function in the transport
	and/or as a regulator of fatty acid transport. Mutations in its gene cause platelet glycoprotein
	deficiency. The protein encoded by this gene is the fourth major glycoprotein of the platelet
	surface and serves as a receptor for thrombospondin in platelets and various cell lines. Since
	thrombospondins are widely distributed proteins involved in a variety of adhesive processes,
	this protein may have important functions as a cell adhesion molecule. It binds to collagen,
	thrombospondin, anionic phospholipids and oxidized LDL. It directly mediates cytoadherence o
	Plasmodium falciparum parasitized erythrocytes and it binds long chain fatty acids and may
	function in the transport and/or as a regulator of fatty acid transport. Mutations in this gene
	cause platelet glycoprotein deficiency. Multiple alternatively spliced transcript variants encoding
	the same protein have been found for this gene.
	Alias Symbols: CHDS7, FAT, GP3B, GP4, GPIV, PASIV, SCARB3, BDPLT10
	Protein Interaction Partner: CHRD, APP, CAND1, ITGA2B, MATK, SRC, THBS1, ITGB3, LYN, YES1
	ITGA6, CD9, FYN, ITGB1, COL1A2, COL1A1, VLDLR, LDLR, HSD11B1,
	Protein Size: 472
Molecular Weight:	53 kDa
Gene ID:	948
NCBI Accession:	NM_001001547, NP_001001547
UniProt:	P16671
Pathways:	TLR Signaling, Peptide Hormone Metabolism, Response to Growth Hormone Stimulus,
	Activation of Innate immune Response, Cellular Response to Molecule of Bacterial Origin,
	Regulation of Lipid Metabolism by PPARalpha, Positive Regulation of Immune Effector Process
	Production of Molecular Mediator of Immune Response, Hepatitis C, Toll-Like Receptors
	Cascades, Lipid Metabolism, S100 Proteins
Application Details	
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.

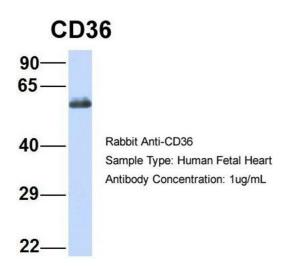
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Comment:	Antigen size: 472 AA
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 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
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

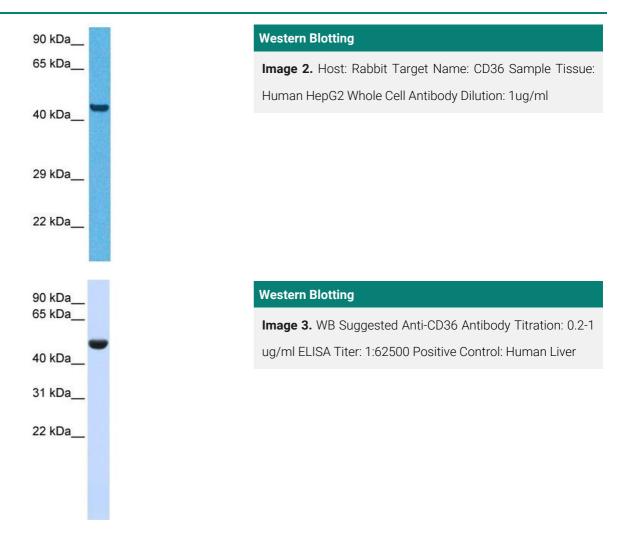
## Images



## Western Blotting

**Image 1.** Host: Rabbit Target Name: CD36 Sample Type: Human Fetal Heart Antibody Dilution: 1.0ug/ml

#### Images



Please check the product details page for more images. Overall 6 images are available for ABIN2783229.

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