

Product datasheet for **TA301400**

CD36 Rabbit Polyclonal Antibody

Product data:

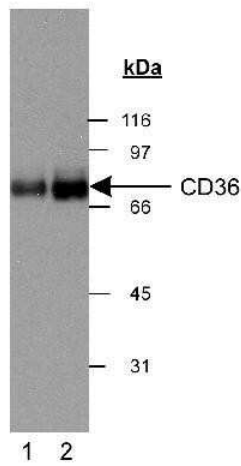
Product Type:	Primary Antibodies
Applications:	ICC/IF, IHC, WB
Recommended Dilution:	Immunohistochemistry-Frozen, Immunohistochemistry: 1:200-1:400, Immunocytochemistry/Immunofluorescence: 1:50-1:200, Western Blot: 1:500-1:2000, Immunohistochemistry-Paraffin: 1:200-1:400
Reactivity:	Human, Bovine, Monkey
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	A synthetic peptide mapping to a region of human CD36 between residues 100-200.
Formulation:	Tris-citrate / phosphate [pH 7-8] and 0.09% sodium azide
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	53 kDa
Gene Name:	CD36 molecule
Database Link:	NP_000063 Entrez Gene 574296 Monkey Entrez Gene 948 Human P16671
Background:	CD36 is a cell surface class B scavenger receptor. CD36 is preferentially found within lipid rafts, which facilitates its association with receptors, signaling and adapter molecules. CD36 binds to collagen, thrombospondin, anionic phospholipids and oxidized LDL. It may function as a cell adhesion molecule and directly mediates cyto- adherence of Plasmodium falciparum parasitized erythrocytes. CD36 binds long chain fatty acids and may function in the transport and/or as a regulator of fatty acid transport.
Synonyms:	BDPLT10; CHDS7; FAT; GP3B; GP4; GPIV; PASIV; SCARB3
Protein Families:	Druggable Genome, Transmembrane



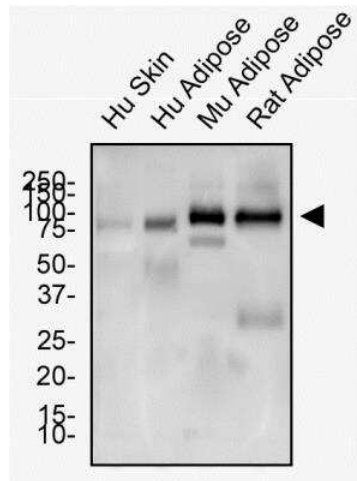
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Protein Pathways: Adipocytokine signaling pathway, ECM-receptor interaction, Hematopoietic cell lineage, PPAR signaling pathway

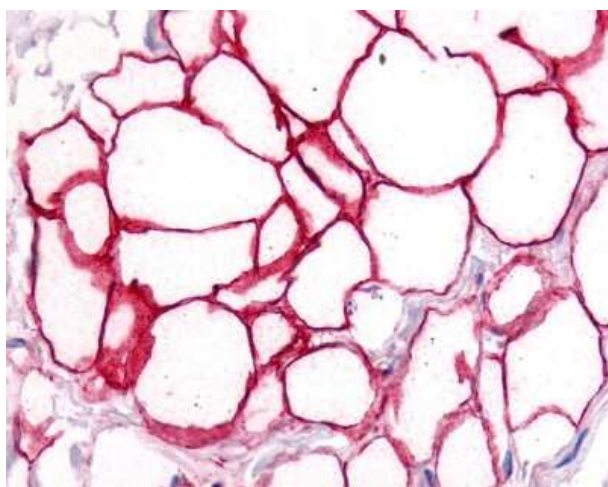
Product images:



Western Blot: CD36 Antibody TA301400 - Detection of CD36 in human adipocyte extract (30 ug). Lane 1: 0.5 ug/ml NB 400-144; lane 2: 2 ug/ml NB 400-144. ECL: 3 second exposure.



Western Blot: CD36 Antibody TA301400 - Total protein from Human Skin and Adipose tissue, Mouse Adipose and Rat Adipose tissue was separated on a 12% gel by SDS-PAGE, transferred to PVDF membrane and blocked in 5% non-fat milk in TBST. The membrane was probed with 2.0 ug/ml anti-CD36 in 5% non-fat milk in TBST and detected with an anti-rabbit HRP secondary antibody using chemiluminescence.



Immunohistochemistry-Paraffin: CD36 Antibody TA301400 - Staining of CD36 in human adipocytes.