

Rabbit anti-Human CD36 Polyclonal Antibody | anti-CD36 antibody

CD36 Rabbit anti-Human Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA162972	Rabbit	Human	Western Blot, Immunohistochemistry

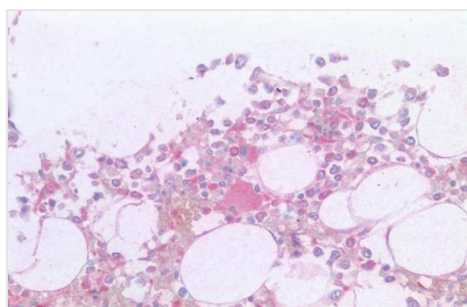
PRODUCT SYNONYMS

CD36; Polyclonal Antibody; CD36 Rabbit anti-Human Polyclonal Antibody; PathPlus CD36 Antibody; Cluster determinant 36; FAT; Fatty acid translocase; Glycoprotein IIb; gp4; GPIIb; GPIV; PAS-4 protein; PAS IV; PASIV; Platelet collagen receptor; Platelet glycoprotein IV; SCARB3; Thrombospondin receptor; BDPLT10; CD36 antigen; CHDS7; gp3B; PAS-4; Platelet glycoprotein 4; anti-CD36 antibody

PRODUCT SPECIFICATIONS

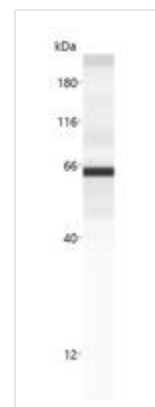
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Immunoaffinity purified
Form/Format	PBS, 0.1% Sodium Azide
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-CD36 antibody	WB (Simple Western Blot), IHC (Immunohistochemistry)
Target	Human CD36
Immunogen	LP-10534, synthetic peptide
Conjugation	Unconjugated
Preparation and Storage	Aliquot and store undiluted at -20 degree C or below for up to 1 year. Can be stored undiluted at 4 degree C for up to 1 month. Avoid freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

CD36 Antibody-Human Bone, Megakaryocyte: Formalin-Fixed, Paraffin-Embedded (FFPE)



WB (Western Blot)

CD36 Antibody-Anti-CD36 antibody (AAA162972, 20 ug/mL) yields a specific band on capillary Western analysis (Protein Simple, WES, 12-230 kDa separation module) in 0.25 mg/mL human CD36 overexpression lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-CD36 antibody	CD36 antibody is an unconjugated rabbit polyclonal antibody to CD36 from human. Validated for IHC and SWB. CD36 (also known as platelet glycoprotein 4) is a multifunctional membrane-bound glycoprotein receptor for a broad range of ligands. It is a scavenger receptor for proteins such as thrombospondin, collagen, fibronectin, and amyloid-beta as well as oxidized phospholipids, apoptotic cells, and microbial pathogens, acting to internalize receptor-ligand complexes. It is implicated in platelet disorders, atherosclerosis, thrombosis, and Alzheimer disease. CD36 is found on mononuclear phagocytes, platelets, adipocytes, megakaryocytes, erythroid precursors, myocytes, hepatocytes, endothelial cells, and some epithelia. It has also been reported to be expressed in some diseased tissues such as the brain in Alzheimer disease, leukemias, myxoid liposarcoma, and squamous intraepithelial lesions of the cervix.
References	Sci Signal. 2009;2(72):re3. doi: 10.1126/scisignal.272re3; Trans Am Clin Climatol Assoc. 2010;121:206-220. PMID: 20697562; Am J Pathol. 2002;160(1):101-112. PMID: 11786404; Mod Pathol. 1998;11(12):1211-1221. PMID: 9872654; Hum Pathol. 1994;25(1):73-79. PMID: 7508885; Am J Clin Pathol. 1995;103(1):20-26. doi: 10.1093/ajcp/103.1.20;

NCBI AND UNIPROT INFORMATION

NCBI GI #	48375178
NCBI GeneID	948
NCBI Accession #	NP_000063.2
NCBI GenBank Nucleotide #	NM_000072
UniProt Accession #	P16671; Q13966; Q16093; Q8TCV7; Q9BPZ8; Q9BQC2; Q9BZM8; Q9BZN3; D9IX66; D9IX67; D9IX68; D9IX69
Molecular Weight	46,090 Da
NCBI Official Full Name	platelet glycoprotein 4 isoform 1
NCBI Official Synonym Full Names	CD36 molecule
NCBI Official Symbol	CD36
NCBI Official Synonym Symbols	FAT; GP4; GP3B; GPIV; CHDS7; PASIV; SCARB3; BDPLT10
NCBI Protein Information	platelet glycoprotein 4
UniProt Protein Name	Platelet glycoprotein 4
UniProt Gene Name	CD36
UniProt Synonym Gene Names	GP3B; GP4; FAT; GPIIIB; GPIV
UniProt Entry Name	CD36_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.