

CD36 Rabbit pAb

Catalog No.	A1470	Category	Polyclonal Antibodies
Applications	WB, IF	Observed MW	70-110kDa
Cross-reactivity	Human, Mouse, Rat	Calculated MW	32kDa/46kDa/48kDa/53kDa

Immunogen Information

Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 301-400 of human CD36 (NP_001120916.1).
Gene ID	948
Swiss prot	P16671
Synonyms	BDPLT10;CHDS7;FAT;GP3B;GP4;GPIV;PASIV;SCARB3;CD36

Product information

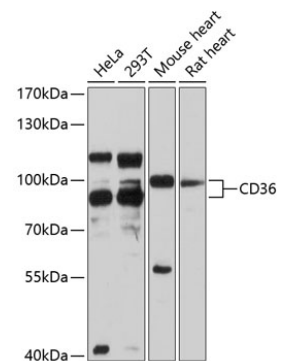
Source	Rabbit
Isotype	IgG
Purification method	Affinity purification
Storage	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

Background

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 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 this gene cause platelet glycoprotein deficiency. Multiple alternatively spliced transcript variants have been found for this gene.

Recommended Dilutions

WB 1:500 - 1:2000



Western blot analysis of extracts of various cell lines, using CD36 antibody (A1470) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25ug per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 90s.