Best Tools for immunology Research

CD96 Polyclonal Antibody

Catalog No :	YT5598
Reactivity :	Human;Rat;Mouse;
Applications :	WB;ELISA
Target :	CD96
Gene Name :	CD96
Protein Name :	T-cell surface protein tactile
Human Gene Id :	10225
Human Swiss Prot No :	P40200
Mouse Swiss Prot No :	Q3U0X8
Immunogen :	The antiserum was produced against synthesized peptide derived from the Internal region of human CD96. AA range:291-340
Specificity :	CD96 Polyclonal Antibody detects endogenous levels of CD96 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. ELISA: 1:10000. Not yet tested in other applications.
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Observed Band :	65kD

Background : The protein encoded by this gene belongs to the immunoglobulin superfamily. It is a type I membrane protein. The protein may play a role in the adhesive interactions of activated T and NK cells during the late phase of the immune response. It may also function in antigen presentation. Alternative splicing generates multiple transcript variants encoding distinct isoforms. [provided by RefSeq, Jan 2016],

Function : developmental stage:Expressed at low levels on peripheral T-cells and is strongly up-regulated after activation, peaking 6 to 9 days after the activating stimulus.,disease:A chromosomal aberration involving CD96 is associated with C syndrome [MIM:211750]. Translocation t(3;18)(q13.13;q12.1). CD96 gene was located at the 3q13.13 breakpoint. Precise structural analysis around the breakpoint showed that the gene was disrupted by the translocation in exon 5, probably leading to premature termination or loss of expression of CD96 protein. No gene was detected at the chromosome 18 breakpoint.,disease:Defects in CD96 are a cause of C syndrome [MIM:211750]; also called Opitz trigonocephaly syndrome. This syndrome is characterized by trigonocephaly and associated anomalies, such as unusual facies, wide alveolar ridges, multiple buccal frenula, limb defects, visceral anomalies, redundant skin, psy

Subcellular Location : Membrane; Single-pass type I membrane protein.

Expression : Expressed on normal T-cell lines and clones, and some transformed T-cells, but no other cultured cell lines tested. It is expressed at very low levels on activated B-cells.

Tag : orthogonal

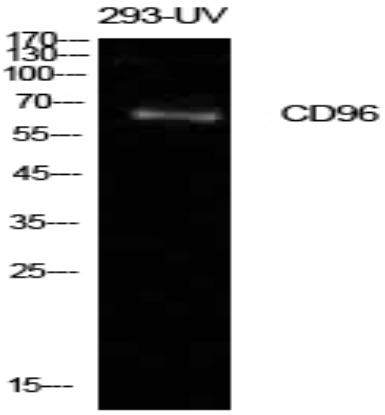
Sort : 3702

No4 : 1

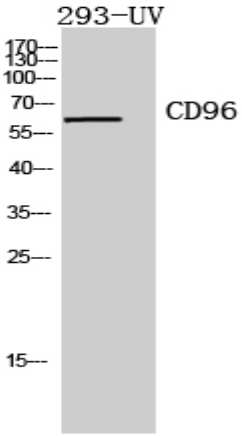
Host : Rabbit

Modifications : Unmodified

Products Images



Western Blot analysis of 293-UV cells using CD96 Polyclonal Antibody. Antibody was diluted at 1:500. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



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