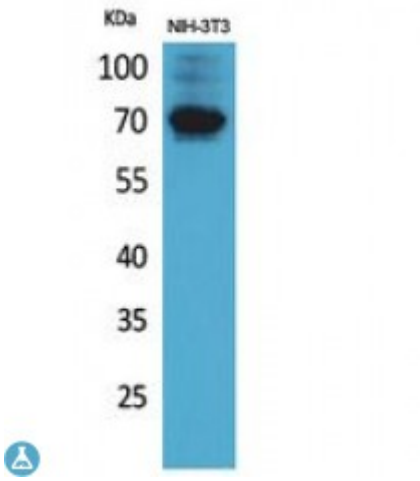
Anti-CD316 antibody



Description	Rabbit polyclonal to CD316.

Model	STJ96847
Host	Rabbit
Reactivity	Human, Mouse
Applications	ELISA, WB
Immunogen	Synthesized peptide derived from human CD316.
Immunogen Region	451-500 aa, Internal
Gene ID	93185
Gene Symbol	IGSF8
Dilution range	WB 1:500-1:2000ELISA 1:20000
Specificity	CD316 Polyclonal Antibody detects endogenous levels of CD316 protein.
Tissue Specificity	Expressed in brain, kidney, testis, liver and placenta with moderate expression in all other tissues. Detected on a majority of B-cells, T-cells, and natural killer cells but not on monocytes, polynuclear cells and platelets.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Immunoglobulin superfamily member 8 IgSF8 CD81 partner 3 Glu-Trp-Ile EWI motif-containing protein 2 EWI-2 Keratinocytes-associated transmembrane protein 4 KCT-4 LIR-D1 Prostaglandin regulatory-like protein <

Molecular Weight	65 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:17813OMIM:606644
Alternative Names	Immunoglobulin superfamily member 8 IgSF8 CD81 partner 3 Glu-Trp-Ile EWI motif-containing protein 2 EWI-2 Keratinocytes-associated transmembrane protein 4 KCT-4 LIR-D1 Prostaglandin regulatory-like protein <
Function	May play a key role in diverse functions ascribed to CD81 and CD9 such as oocytes fertilization or hepatitis C virus function. May regulate proliferation and differentiation of keratinocytes. May be a negative regulator of cell motility: suppresses T-cell mobility coordinately with CD81, associates with CD82 to suppress prostate cancer cell migration, regulates epidermoid cell reaggregation and motility on laminin-5 with CD9 and CD81 as key linkers. May also play a role on integrin-dependent morphology and motility functions. May participate in the regulation of neurite outgrowth and maintenance of the neural network in the adult brain.
Sequence and Domain Family	The Ig-like C2-type domains 3 and 4 are required for interaction with CD81. The short cytoplasmic domain is very basic, interacts with membrane PIPs, and mediates plasma membrane localization.
Cellular Localization	Cell membrane {ECO:0000250}. Single-pass membrane protein.