Best Tools for immunology Research

CD316 Polyclonal Antibody

Catalog No :	YT5482
Reactivity :	Human;Mouse
Applications :	WB;ELISA
Target :	CD316
Gene Name :	IGSF8
Protein Name :	Immunoglobulin superfamily member 8
Human Gene Id :	93185
Human Swiss Prot No :	Q969P0
Mouse Gene Id :	140559
Mouse Swiss Prot No :	Q8R366
Immunogen :	The antiserum was produced against synthesized peptide derived from the Internal region of human IGSF8. AA range:451-500
Specificity :	CD316 Polyclonal Antibody detects endogenous levels of CD316 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: 1:20000. 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 :	This gene encodes a member the EWI subfamily of the immunoglobulin protein superfamily. Members of this family contain a single transmembrane domain, an EWI (Glu-Trp-Ile)-motif and a variable number of immunoglobulin domains. This protein interacts with the tetraspanins CD81 and CD9 and may regulate their role in certain cellular functions including cell migration and viral infection. The encoded protein may also function as a tumor suppressor by inhibiting the proliferation of certain cancers. Alternate splicing results in multiple transcript variants that encode the same protein. [provided by RefSeq, Sep 2011],
Function :	domain:The Ig-like C2-type domains 3 and 4 are required for interaction with CD81.,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.,similarity:Contains 4 Ig-like C2-type (immunoglobulin-like) domains.,subunit:Interacts directly with CD82, CD81/tetraspanin-28 and CD9/tetraspanin-29. Also interac
Subcellular Location :	Cell membrane ; Single-pass membrane protein.
Expression :	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.
Tag :	hot
Sort :	3540
No4 :	1
Host :	Rabbit
Modifications :	Unmodified

Products Images

Western Blot analysis of NIH-3T3 cells using CD316 Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000