

Anti-CD316 Antibody
Rabbit polyclonal antibody to CD316
Catalog # AP60796

Specification

Anti-CD316 Antibody - Product Information

Application	WB
Primary Accession	O969P0
Other Accession	O8R366
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	65034

Anti-CD316 Antibody - Additional Information

Gene ID 93185

Other Names

CD81P3; EW12; KCT4; 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; PGRL; CD316

Target/Specificity

Recognizes endogenous levels of CD316 protein.

Dilution

WB~~WB (1/500 - 1/1000)

Format

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage

Store at -20 °C. Stable for 12 months from date of receipt

Anti-CD316 Antibody - Protein Information

Name IGSF8

Synonyms CD81P3, EW12, KCT4

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.

Cellular Location

Cell membrane; Single-pass membrane protein

Tissue Location

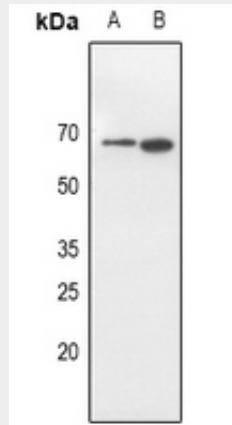
Expressed in brain, kidney, testis, liver and placenta with moderate expression in all other tissues. Detected on a majority of B-cells, T-cells, and natural killer cells but not on monocytes, polynuclear cells and platelets

Anti-CD316 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-CD316 Antibody - Images



Western blot analysis of CD316 expression in HEK293T (A), HeLa (B) whole cell lysates.

Anti-CD316 Antibody - Background

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CD316. The exact sequence is proprietary.