

**CD316 Polyclonal Antibody**  
**Catalog # AP73665****Specification**

---

**CD316 Polyclonal Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">Q969P0</a>
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal

**CD316 Polyclonal Antibody - Additional Information****Gene ID** 93185**Other Names**

IGSF8; CD81P3; EWI2; 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

**Dilution**

WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.

**Format**

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

**Storage Conditions**

-20°C

**CD316 Polyclonal Antibody - Protein Information****Name** IGSF8**Synonyms** CD81P3, EWI2, 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**

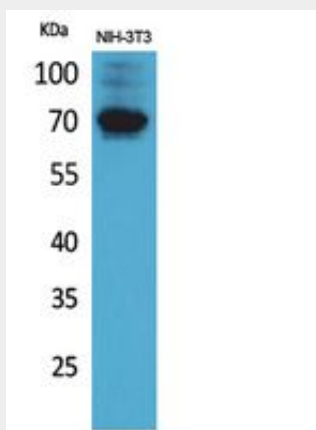
Expressed in brain, kidney, testis, liver and placenta with moderate expression in all other tissues. Detected on a majority of B-cells, T-cells, and natural killer cells but not on monocytes, polynuclear cells and platelets

### **CD316 Polyclonal 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](#)

### **CD316 Polyclonal Antibody - Images**



### **CD316 Polyclonal Antibody - Background**

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.