

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

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**Anti-CD316 Antibody - Product Information**

Application	<b>WB</b>
Primary Accession	<a href="#">Q969P0</a>
Other Accession	<a href="#">Q8R366</a>
Reactivity	<b>Human, Mouse</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>
Calculated MW	<b>65034</b>

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

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

**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, 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

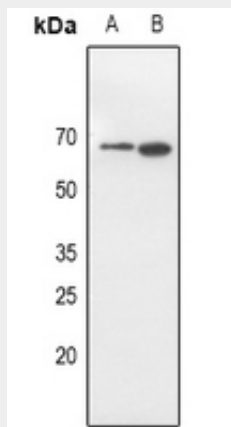
**Tissue Location**

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

**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.