

CD316 / IGSF8 Antibody (Internal)
Rabbit Polyclonal Antibody
Catalog # ALS11197**Specification**

CD316 / IGSF8 Antibody (Internal) - Product Information

Application	IHC
Primary Accession	Q969P0
Reactivity	Human, Rabbit, Monkey, Pig, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	65kDa KDa

CD316 / IGSF8 Antibody (Internal) - Additional Information**Gene ID** 93185**Other 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, PGRL, CD316, IGSF8, CD81P3, EWI2, KCT4

Target/Specificity

Human IGSF8. BLAST analysis of the peptide immunogen showed no homology with other human proteins, except SIAH2 (53%).

Reconstitution & Storage

Long term: -70°C; Short term: +4°C

Precautions

CD316 / IGSF8 Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

CD316 / IGSF8 Antibody (Internal) - 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

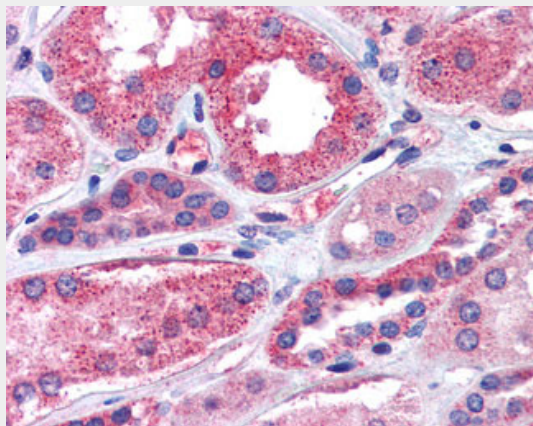
Tissue Location

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

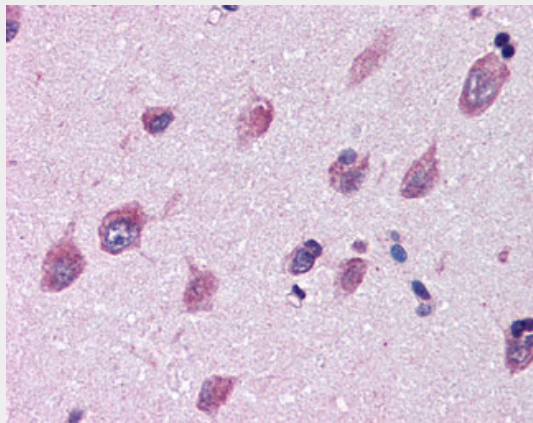
CD316 / IGSF8 Antibody (Internal) - Protocols

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 / IGSF8 Antibody (Internal) - Images

Anti-IGSF8 antibody ALS11197 IHC of human kidney.



Anti-IGSF8 antibody ALS11197 IHC of human brain, cortex.

CD316 / IGSF8 Antibody (Internal) - Background

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CD316 / IGSF8 Antibody (Internal) - References

Stipp C.S.,et al.J. Biol. Chem. 276:40545-40554(2001).
Charrin S.,et al.Biochem. J. 373:409-421(2003).
Bonkobara M.,et al.Br. J. Dermatol. 148:654-664(2003).
Zhang W.,et al.Submitted (OCT-2000) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).