Product Name: CD316 Rabbit Polyclonal Antibody

Catalog #: APRab08358



Summary

Production Name CD316 Rabbit Polyclonal Antibody

Description Rabbit Polyclonal Antibody

Host Rabbit

Application WB,ELISA

Reactivity Human,Mouse

Performance

ConjugationUnconjugatedModificationUnmodified

Isotype IgG

Clonality Polyclonal Form Liquid

Storage Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type

preservative N.

Purification Affinity purification

Immunogen

Buffer

Gene Name IGSF8

Alternative 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

Gene ID 93185.0

Q969P0. The antiserum was produced against synthesized peptide derived from the SwissProt ID

Internal region of human IGSF8. AA range:451-500

Application

Dilution Ratio WB 1:500-1:2000, ELISA 1:20000.Not yet tested in other applications.

Molecular Weight 65kDa

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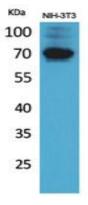


Background

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], domain: The Iq-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 interacts with integrin alpha-3/beta-1 and integrin alpha-4/beta-1., tissue specificity: 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.,

Research Area

Image Data



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

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Note

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