

IGSF8 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP12389c

Product Information

Application WB, IHC-P, E
Primary Accession Q969P0
Other Accession NP_443100.1
Reactivity Human, Mouse

HostRabbitClonalityPolyclonalIsotypeRabbit IgGClone NamesRB31348Antigen Region226-254

Additional Information

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 This IGSF8 antibody is generated from rabbits immunized with a KLH

conjugated synthetic peptide between 226-254 amino acids from the Central

region of human IGSF8.

Dilution WB~~1:1000 IHC-P~~1:100~500 E~~Use at an assay dependent concentration.

Format Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.

This antibody is purified through a protein A column, followed by peptide

affinity purification.

Storage Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store

at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions IGSF8 Antibody (Center) is for research use only and not for use in diagnostic

or therapeutic procedures.

Protein Information

Background

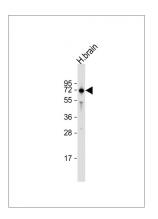
IGSF8 may play a key role in diverse functions ascribed to CD81 and CD9 such as oocytes fertilization or hepatitis C virus function. May regulate proliferation and differentiation of keratinocytes. May be a negative regulator of cell motility: suppresses T-cell mobility coordinately with CD81, associates 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.

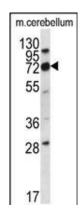
References

Kolesnikova, T.V., et al. Neoplasia 11(1):77-86(2009) Rocha-Perugini, V., et al. PLoS ONE 3 (4), E1866 (2008): Kettner, S., et al. Mol. Cell. Biol. 27(21):7718-7726(2007) Sala-Valdes, M., et al. J. Biol. Chem. 281(28):19665-19675(2006) Yang, X.H., et al. J. Biol. Chem. 281(18):12976-12985(2006)

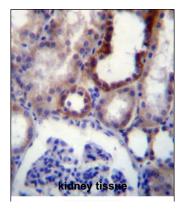
Images



Anti-IGSF8 Antibody (Center) at 1:1000 dilution + human brain lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 65 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



IGSF8 Antibody (Center) (Cat. #AP12389c) western blot analysis in mouse cerebellum tissue lysates (35ug/lane). This demonstrates the IGSF8 antibody detected the IGSF8 protein (arrow).



IGSF8 Antibody (Center) (Cat. #AP12389c)immunohistochemistry analysis in formalin fixed and paraffin embedded human kidney tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of IGSF8 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.