



CD315 Polyclonal Antibody

Catalog No	YP-Ab-14081
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;IHC;IF;ELISA
Gene Name	PTGFRN
Immunogen	The antiserum was produced against synthesized peptide derived from the Internal region of human PTGFRN. AA range:601-650
Specificity	CD315 Polyclonal Antibody detects endogenous levels of CD315 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. IHC-p: 1:100-300 ELISA: 1/20000. IF 1:100-300 Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	PTGFRN;CD315;EWIF;FPRP;KIAA1436;Prostaglandin F2 receptor negative regulator;CD9P1;CD9 partner 1;CD9P-1;Glu-Trp-Ile EWI motif-containing protein F;EWI-F;Prostaglandin F2-alpha receptor regulatory protein; Prostaglandin F2-alpha receptor-associated protein
Observed Band	98kD
Calculated Molecular Weight	98kD
Cell Pathway	Endoplasmic reticulum membrane ; Single-pass type I membrane protein . Golgi apparatus, trans-Golgi network membrane ; Single-pass type I membrane protein .
Tissue Specificity	Brain,Embryo,Epithelium,Heart,Liver,PCR rescued clones,
Function	function:Inhibits the binding of prostaglandin F2-alpha (PGF2-alpha) to its specific FP receptor, by decreasing the receptor number rather than the affinity constant. Functional coupling with the prostaglandin F2-alpha receptor seems to occur.,sequence caution:Translated as Gln.,similarity:Contains 6 Ig-like C2-type (immunoglobulin-like) domains.,subunit:Interacts with CD9 and CD81. Also seems to interacts with CD63, CD82 and CD151.,

**Background**

function:Inhibits the binding of prostaglandin F2-alpha (PGF2-alpha) to its specific FP receptor, by decreasing the receptor number rather than the affinity constant. Functional coupling with the prostaglandin F2-alpha receptor seems to occur.,sequence caution:Translated as Gln.,similarity:Contains 6 Ig-like C2-type (immunoglobulin-like) domains.,subunit:Interacts with CD9 and CD81. Also seems to interacts with CD63, CD82 and CD151.,

matters needing attention

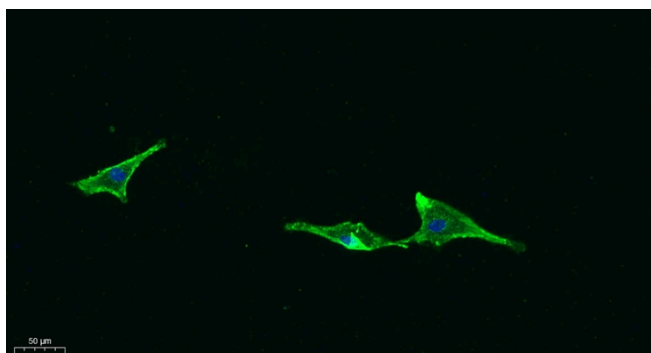
Avoid repeated freezing and thawing!

Usage suggestions

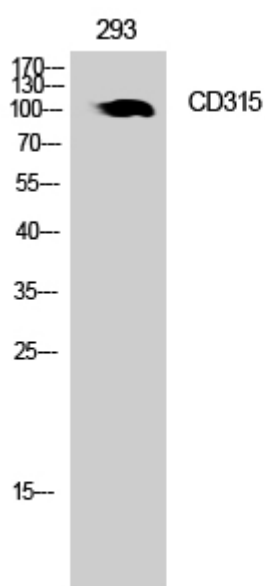
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



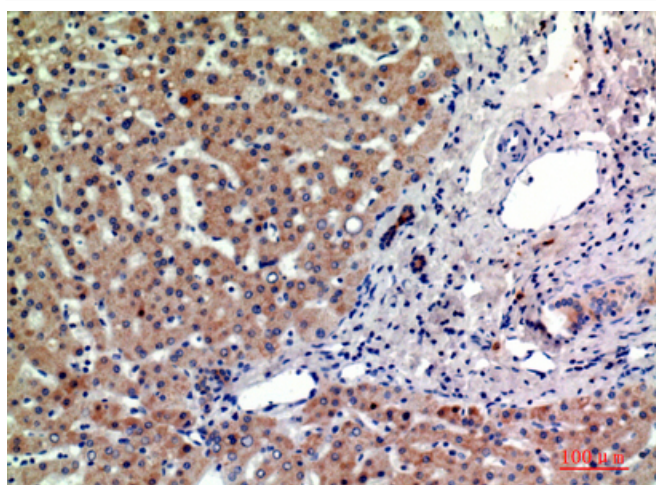
Products Images



Immunofluorescence analysis of A549. 1, primary Antibody was diluted at 1:200 (4°C overnight). 2, Goat Anti Rabbit IgG (H&L) - Alexa Fluor 488 Secondary antibody was diluted at 1:1000 (room temperature, 50min). 3, Picture B: DAPI (blue) 10min.



Western Blot analysis of 293 cells using CD315 Polyclonal Antibody. Secondary antibody (catalog#: RS0002) was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded human liver, antibody was diluted at 1:200