

Product datasheet for **TA306358**

TWEAKR (TNFRSF12A) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	WB: 2 - 4 ug/mL, ICC: 2.5 ug/mL, IF: 20 ug/mL
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fn14 antibody was raised against a human IgG1 Fc-tagged Fn14 protein.
Formulation:	PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	Affinity chromatography purified via peptide column
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	tumor necrosis factor receptor superfamily member 12A
Database Link:	NP_057723 Entrez Gene 51330 Human Q9NP84
Background:	TWEAK is a TNF family member produced by IFN-gamma-stimulated monocytes and induces multiple cell death pathways including caspase-dependent apoptosis and cathepsin B-dependent necrosis. These pathways are mediated by the binding of TWEAK by fibroblast growth factor 14 (Fn14), a member of the TNF receptor superfamily. Yeast two-hybrid experiments have shown that FN14 will bind to the TNFR-associated factors TRAF1, TRAF2, TRAF3, and TRAF5, suggesting that the signaling pathway induced by TWEAK may be mediated by one or more of these adaptor molecules. Fn14 is induced during liver regeneration and is highly expressed in hepatocellular carcinomas. In addition, TWEAK induces liver progenitor cell proliferation, suggesting Fn14 may play a role in hepatocyte growth control and liver neoplasia.



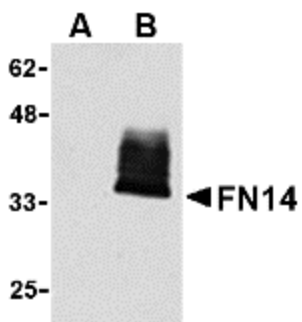
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Synonyms: CD266; FN14; TWEAKR

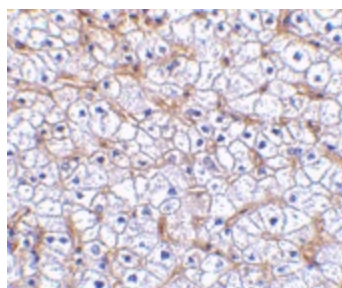
Protein Families: Druggable Genome, Transmembrane

Protein Pathways: Cytokine-cytokine receptor interaction

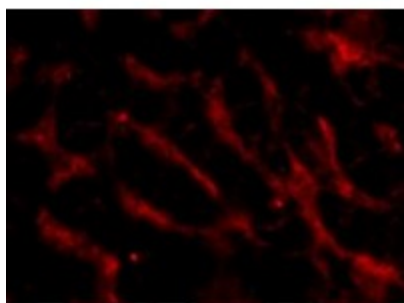
Product images:



Western blot analysis of Fn14 in (A) mock- and (B) Fn14-GPI-transfected 293 cells with Fn14 antibody at 1 ug/ml.



Immunohistochemistry of Fn14 in human liver tissue with Fn14 antibody at 2.5 ug/ml.



Immunofluorescence of Fn14 in Human Liver cells with Fn14 antibody at 20 ug/mL.