

Rabbit anti-Human Fn14 Polyclonal Antibody | anti-TNFRSF12A antibody

Fn14 Antibody

CATALOG # AAA39445	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot, ELISA
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PRODUCT SYNONYMS

Fn14; Polyclonal Antibody; Fn14 Antibody; FN14; CD266; TWEAKR; Tumor necrosis factor receptor superfamily member 12A; Fibroblast growth factor-inducible immediate-early response protein 14; FGF-inducible 14; tumor necrosis factor receptor superfamily; member 12A; anti-TNFRSF12A antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Fn14 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	129
Applicable Applications for anti-TNFRSF12A antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	Fn14 antibody was raised against a human IgG1 Fc-tagged Fn14 protein.
Buffer	Fn14 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	Fn14 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



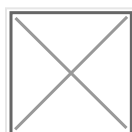
IF (Immunofluorescence)

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



IHC (Immunohistochemistry)

Immunohistochemistry of Fn14 in human liver tissue with Fn14 antibody at 2.5 μg/mL.



WB (Western Blot)

Western blot analysis of Fn14 in HepG2 cells with Fn14 antibody at (A) 2 and (B) 4 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-TNFRSF12A antibody	Fn14 Antibody: 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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NCBI AND UNIPROT INFORMATION

NCBI GI #	7706186
NCBI GeneID	51330
NCBI Accession #	NP_057723
NCBI GenBank Nucleotide #	NM_016639.2
UniProt Accession #	Q9NP84; Q9HCS0; D3DUA6
Molecular Weight	10,191 Da
NCBI Official Full Name	tumor necrosis factor receptor superfamily member 12A
NCBI Official Synonym Full Names	tumor necrosis factor receptor superfamily, member 12A
NCBI Official Symbol	TNFRSF12A
NCBI Official Synonym Symbols	FN14; CD266; TWEAKR
NCBI Protein Information	tumor necrosis factor receptor superfamily member 12A; tweak-receptor; FGF-inducible 14; type I transmembrane protein Fn14; fibroblast growth factor-inducible immediate-early response protein 14
UniProt Protein Name	Tumor necrosis factor receptor superfamily member 12A
UniProt Gene Name	TNFRSF12A
UniProt Synonym Gene Names	FN14; FGF-inducible 14; TweakR
UniProt Entry Name	TNR12_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/fn14-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/39445>