

Datasheet for ABIN499851
anti-TNFRSF12A antibody



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2 Images

Overview

Quantity:	0.1 mg
Target:	TNFRSF12A
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TNFRSF12A antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	Fn14 antibody was raised against a human IgG1 Fc-tagged Fn14 protein.
Isotype:	IgG
Specificity:	This antibody reacts to Fn14.
Purification:	Affinity chromatography purified via peptide column

Target Details

Target:	TNFRSF12A
Alternative Name:	CD266 / TweakR (TNFRSF12A Products)
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

Target Details

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. Synonyms: FGF-inducible 14, FN14, Fibroblast growth factor-inducible immediate-early response protein 14, TNFRSF12A, Tumor necrosis factor receptor superfamily member 12A, Tweak receptor

Gene ID: 51330

NCBI Accession: [NP_057723](#)

UniProt: [Q9NP84](#)

Pathways: [Apoptosis](#), [Regulation of Cell Size](#)

Application Details

Application Notes: ELISA. Western BLot: 2-4 µg/mL. Immunohistochemistry.
Other applications not tested.
Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

Handling

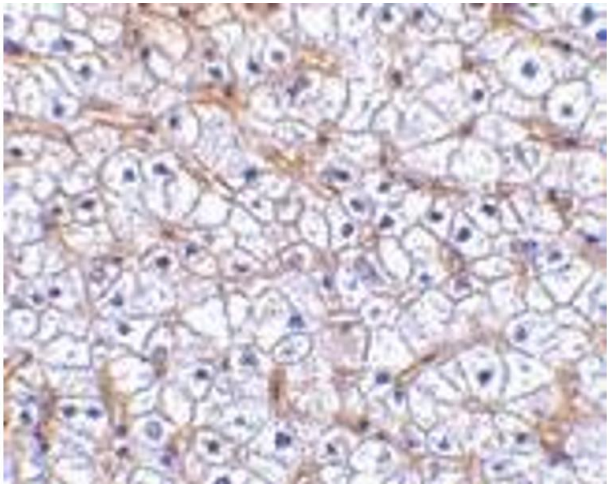
Buffer: PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

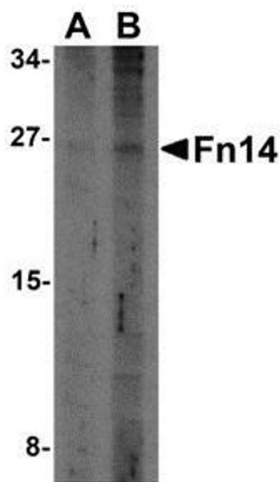
Storage: 4 °C

Storage Comment: Store the antibody undiluted at 2-8 °C.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of Fn14 in human liver tissue with Fn14 antibody at 2.5 µg/ml.



Western Blotting

Image 2. Western blot analysis of Fn14 in HepG2 cells with AP30344PU-N Fn14 antibody at (A) 2 and (B) 4 µg/ml.