

Datasheet for ABIN6990680
anti-TNFRSF12A antibody



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Overview

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

Product Details

Immunogen:	Fn14 antibody was raised against a human IgG1 Fc-tagged Fn14 protein.
Isotype:	IgG
Purification:	Fn14 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	TNFRSF12A
Alternative Name:	Fn14 (TNFRSF12A Products)
Background:	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-

Target Details

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.

Gene ID: 51330

NCBI Accession: [NP_057723](#)

UniProt: [Q9NP84](#)

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

Application Details

Application Notes: Predicted: 62kD

Observed: 68kD

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: Fn14 Antibody is supplied in 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: -20 °C, 4 °C

Storage Comment: Fn14 antibody can be stored at 4°C for three months and -20°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.