BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-Fn14 TNFRSF12A Antibody

Catalog Number: A06261

About TNFRSF12A

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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Overview

Product Name	Anti-Fn14 TNFRSF12A Antibody
Reactive Species	Human
Description	Boster Bio Anti-Fn14 TNFRSF12A Antibody (Catalog # A06261). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human.
Application	ELISA, IF, IHC-P, WB
Clonality	Polyclonal
Formulation	Fn14 Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	Fn14 antibody can be stored at 4°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q9NP84

Technical Details

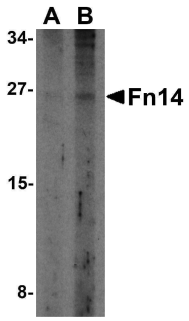
Immunogen	Fn14 antibody was raised against a human IgG1 Fc-tagged Fn14 protein.
Predicted Reactive Species	Bovine
Isotype	IgG

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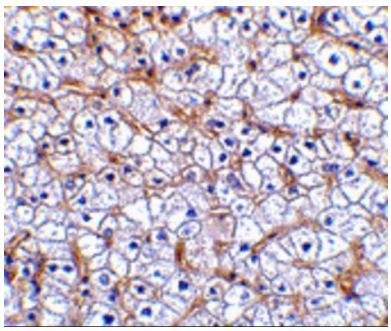
Form	Liquid
Concentration	1 mg/mL
Purification	Fn14 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	Predicted: 62kD Observed: 68kD Optimal dilutions for each application should be determined by the researcher.

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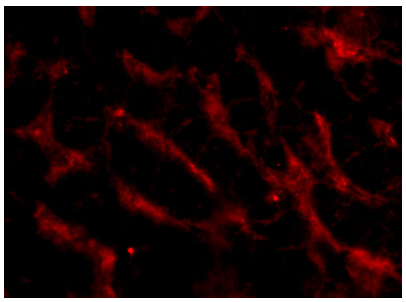
Anti-Fn14 TNFRSF12A Antibody (A06261) Images



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

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