

Product Name: KD-Validated FNTB Recombinant Rabbit Monoclonal Antibody**Catalog #: KVA00001**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,FCM
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1,000-1:5,000; FC 1:200-1:2,000
Molecular Weight	Calculated MW: 48.8kDa

Antigen Information

Gene Name	FNTB
Alternative Names	FNTB; Farnesyltransferase, CAAX Box, Subunit Beta; FPTB; Ras Proteins Prenyltransferase Subunit Beta; Protein Farnesyltransferase Subunit Beta; CAAX Farnesyltransferase Subunit Beta; Farnesyltransferase, CAAX Box, Beta; EC 2.5.1.58; FTase-Beta; Epididymis Secretory Sperm Binding Protein
Gene ID	2342.0
SwissProt ID	P49356
Immunogen	A synthesized peptide derived from human FNTB

Background

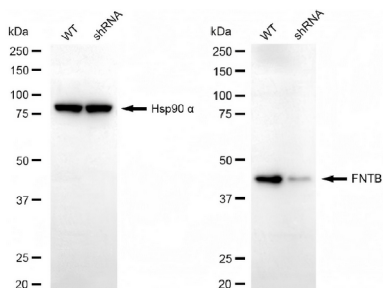
Enables acetyltransferase activator activity; enzyme binding activity; and zinc ion binding activity. Contributes to protein

farnesyltransferase activity. Involved in protein farnesylation and regulation of microtubule-based movement. Part of microtubule associated complex and protein farnesyltransferase complex. Implicated in anxiety disorder. [provided by Alliance of Genome Resources, Jul 2025]

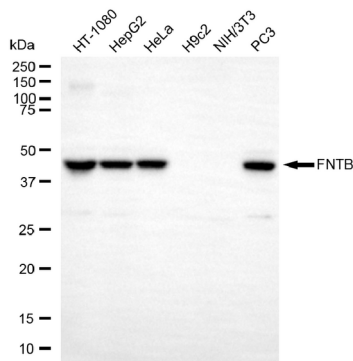
Research Area

Metabolism,Signal Transduction

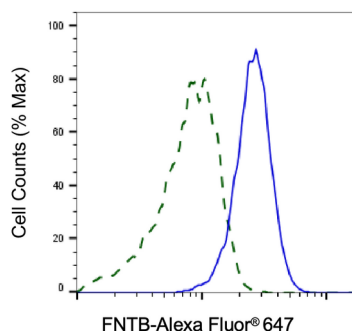
Image Data



Western blotting analysis using FNTB antibody (KVA00001). FNTB expression in wild-type (WT) and FNTB shRNA knockdown (KD) HepG2 cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with FNTB antibody (KVA00001, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using FNTB antibody (KVA00001). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with FNTB antibody (KVA00001, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Validation of FNTB knockdown using flow cytometry. Wild-type(WT, Blue) and knockdown(KD, Green) HepG2 cells were stained with FNTB antibody (KVA00001, 1:2,000) and analyzed using BD flow cytometer.