

Anti-FNTB Antibody (4N40)

Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human, Rat
Conjugation:	Unconjugated
Clone:	4N40
Purification:	Affinity-chromatography

Applications

Verified Activity:	1. Western Blot -Positive WB detected in: 293 whole cell lysate, HepG2 whole cell lysate, Hela whole cell lysate, K562 whole cell lysate, Rat brain tissue -All lanes: FNTB antibody at 1:2000 -Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution -Predicted band size: 49, 44 kDa -Observed band size: 49 kDa
	2. IHC image of TMAH-00448 diluted at 1:100 and staining in paraffin-embedded human tonsil tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-rabbit IgG polymer labeled by HRP and visualized using 0.05% DAB.
	3. Immunoprecipitating FNTB in K562 whole cell lysate -Lane 1: Rabbit control IgG instead of TMAH-00448 in K562 whole cell lysate. For western blotting, a HRP-conjugated Protein G antibody was used as the secondary antibody (1/2000) -Lane 2: TMAH-00448(2µg)+ K562 whole cell lysate(500µg) -Lane 3: K562 whole cell lysate (10µg)
Application:	ELISA, WB, IHC, IP
Recommended	WB:1:500-1:5000; IHC:1:50-1:200; IP:1:200-1:1000.

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	A synthetic peptide: Human FNTB
Antigen Species:	Human
Gene ID:	100529261
Uniprot ID:	P49356
Synonyms:	EC 2.5.1.58;Ras proteins prenyltransferase subunit beta;FTase-beta;CAAX farnesyltransferase subunit beta;Protein farnesyltransferase subunit beta
Biology Area:	Cancer, Metabolism, Signal transduction

Research Background

Essential subunit of the farnesyltransferase complex. Catalyzes the transfer of a farnesyl moiety from farnesyl diphosphate to a cysteine at the fourth position from the C-terminus of several proteins having the C-terminal sequence Cys-aliphatic-aliphatic-X.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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