

Anti-FNTB Antibody (10812)

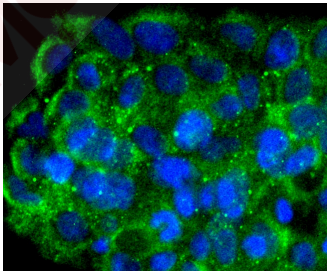
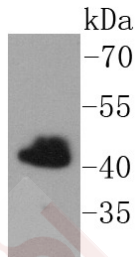
Product Details

Ig Type:	IgG
Reactivity:	Human,Rat
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 43 kDa.
Clone:	10812
Purification:	ProA affinity purified

Applications

Verified Activity:

1. Western blot analysis of FNTB on K562 cells lysates using anti-FNTB antibody at 1/1,000 dilution.
2. ICC staining FNTB in JAR cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Application:	ICC/IF,WB
Recommended	WB: 1:1000-2000; ICC/IF: 1:50-200

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:	Recombinant Protein
Uniprot ID:	P49356
Synonyms:	CAAX farnesyltransferase subunit beta;FTase-beta;Protein farnesyltransferase subunit beta;EC 2.5.1.58;Ras proteins prenyltransferase subunit beta

Research Background

Mammalian protein farnesyl transferases are heterodimeric proteins containing two nonidentical α and β subunits that attach farnesyl residues to a cysteine at the fourth position from the COOH terminus of several proteins, including nuclear lamins and p21Ras proteins. The natural substrates contain the Cys-A-A-Xaa recognition sequence, where the A residues are aliphatic and Xaa represents methionine, serine, glutamine or cysteine. The purified farnesyl transferase is an α - β heterodimer. The β subunit, which is known as FT β , CAAX farnesyltransferase subunit β , or Ras proteins prenyltransferase subunit β , is a 437 amino acid protein that contains five PFTB repeats and binds the peptide substrate. The α subunit is suspected to participate in formation of a stable complex with the substrate farnesyl pyrophosphate.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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