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Datasheet for ABIN357706 anti-FNTB antibody (N-Term)

2 Images



Overview

Quantity:	0.4 mL
Target:	FNTB
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FNTB antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the N-terminal region of human FNTB.
Isotype:	Ig Fraction
Specificity:	This antibody is specific to FNTB (N-term).
Purification:	Protein G Chromatography, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.

Target Details

Target:	FNTB
Alternative Name:	FNTB (FNTB Products)

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Target Details

Background:	Eukaryotic cells contain 3 different types of prenyltransferases that attach either a farnesyl
	group (15 carbons) or a geranylgeranyl group (20 carbons) in thioether linkage to C-terminal
	cysteine residues in a variety of proteins. These posttranslational modifications provide a
	mechanism for membrane localization of proteins that lack a transmembrane domain. CAAX
	farnesyltransferase (FTase) attaches a farnesyl group from farnesyl pyrophosphate to cysteine
	residues at the fourth position from the C terminus of proteins that end in the CAAX box, where
	C is cysteine, A is usually but not always an aliphatic amino acid, and X is typically methionine
	or serine. This enzyme has the ability to farnesylate peptides as short as 4 residues in length
	that conform to the CAAX consensus sequence. The gene for the beta subunit of CAAX
	farnesyltransferase (FNTB) has been pinpointed to 14q23-q24 by Southern blot hybridization
	and PCR analyses of panels of human/Chinese hamster somatic cell hybrid lines and by
	fluorescence chromosomal in situ hybridization.Synonyms: CAAX farnesyltransferase subunit
	beta, FTase-beta, Protein farnesyltransferase subunit beta, Ras proteins prenyltransferase
	subunit beta
Molecular Weight:	58521 Da
Gene ID:	2342, 9606

UniProt:

P49356

Application Details

Application Notes:	ELISA: 1/1,000. Western Blot: 1/100-1/500. Immunohistochemistry: 1/50-1/100.
	Other applications not tested.
	Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

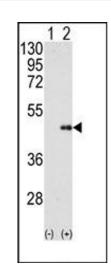
Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS with 0.09 % (W/V) Sodium Azide as preservative.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.

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Handling

Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at-20 °C for longer.

Images



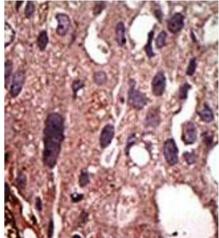


Image 1.

Image 2.

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