

Datasheet for ABIN7127495

**Recombinant anti-FNTB antibody****3** Images[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	FNTB
Reactivity:	Human
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This FNTB antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunoprecipitation (IP)

## Product Details

Immunogen:	A synthesized peptide derived from human FNTB
Clone:	5H4
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Purification:	Affinity-chromatography

## Target Details

Target:	FNTB
Alternative Name:	FNTB ( <a href="#">FNTB Products</a> )
Background:	Background: Essential subunit of the farnesyltransferase complex. Catalyzes the transfer of a

## Target Details

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.

Aliases: Protein farnesyltransferase subunit beta (FTase-beta) (EC 2.5.1.58) (CAAX farnesyltransferase subunit beta) (Ras proteins prenyltransferase subunit beta), FNTB

UniProt: [P49356](#)

## Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IHC:1:50-1:200, IP:1:200-1:1000,

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Rabbit IgG in phosphate buffered saline, pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.

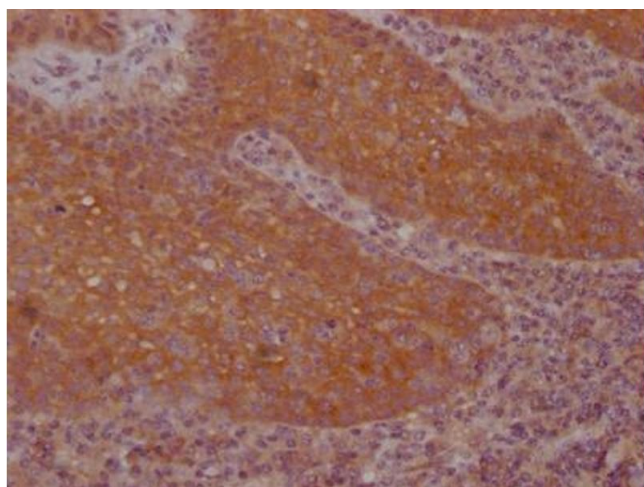
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

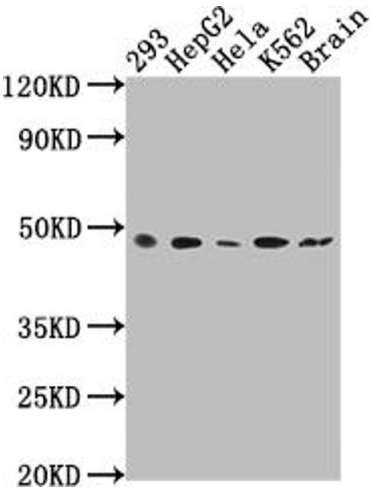
Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

## Images



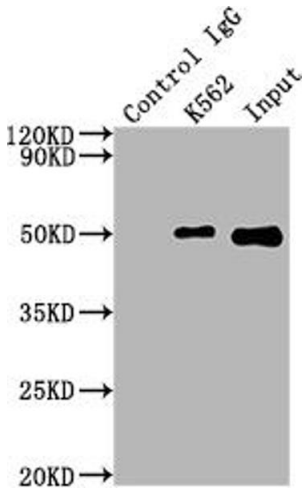
### Immunohistochemistry

**Image 1.** IHC image of ABIN7127495 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 30 min 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.



#### Western Blotting

**Image 2.** 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



#### Western Blotting

**Image 3.** Immunoprecipitating FNTB in K562 whole cell lysate Lane 1: Rabbit control IgG instead of ABIN7127495 in K562 whole cell lysate. For western blotting, a HRP-conjugated Protein G antibody was used as the secondary antibody (1/2000) Lane 2: ABIN7127495(2 µg)+ K562 whole cell lysate(500 µg) Lane 3: K562 whole cell lysate (10 µg)