

Datasheet for ABIN389057
anti-FNTA antibody (AA 88-118)[Go to Product page](#)

1 Image

Overview

Quantity:	400 µL
Target:	FNTA
Binding Specificity:	AA 88-118
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FNTA antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This FNTA antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 88-118 amino acids from the Central region of human FNTA.
Clone:	RB4792
Isotype:	Ig Fraction
Predicted Reactivity:	B, Rat
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	FNTA
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Target Details

Alternative Name:	FNTA (FNTA Products)
Background:	FNTA, also known as 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 so-called CAAX box, where C is cysteine, A is usually but not always an aliphatic amino acid, and X is typically methionine or serine. This type of posttranslational modification provides a mechanism for membrane localization of proteins that lack a transmembrane domain. This enzyme has the remarkable property of farnesylating peptides as short as four residues in length that conform to the CAAX consensus sequence. FNTA is also a specific cytoplasmic interactor of the transforming growth factor-beta and activin type I receptors. It is likely to be a key component of the signaling pathway which involves p21ras, an important substrate for farnesyltransferase.
Molecular Weight:	44409
Gene ID:	2339
NCBI Accession:	NP_002018
UniProt:	P49354
Pathways:	Response to Water Deprivation , Regulation of G-Protein Coupled Receptor Protein Signaling

Application Details

Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

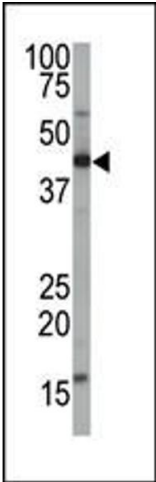
Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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:	4 °C, -20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Handling

Expiry Date: 6 months

Images



Western Blotting

Image 1. The anti-FNTA Pab (ABIN389057 and ABIN2839266) is used in Western blot to detect FNTA in mouse brain tissue lysate.