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## Datasheet for ABIN1386076 **anti-FNTA antibody**

### Overview

Quantity:	100 µL
Target:	FNTA
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FNTA antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human PGGT1A/FNTA
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

### Target Details

Target:	FNTA
Alternative Name:	PGGT1A ( <a href="#">FNTA Products</a> )
Background:	Synonyms: CAAX farnesyltransferase alpha subunit, Farnesyl protein transferase alpha subunit, Farnesyltransferase CAAX box alpha, Farnesyltransferase, CAAX box, alpha, FPTA, FTase alpha, GGTase I alpha, PGGT1A, Protein farnesyltransferase/geranylgeranyltransferase type I alpha

## Target Details

subunit, Protein prenyltransferase alpha subunit repeat containing 2, PTAR2, Ras proteins prenyltransferase alpha, Ras proteins prenyltransferase subunit alpha, Type I protein geranyl geranyltransferase alpha subunit, FNTA\_HUMAN.

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.

Gene ID:	2339
Pathways:	<a href="#">Response to Water Deprivation</a> , <a href="#">Regulation of G-Protein Coupled Receptor Protein Signaling</a>

## Application Details

Application Notes:	WB 1:300-5000 IHC-P 1:200-400 IF(IHC-P) 1:50-200
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Handling

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Expiry Date: 12 months