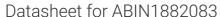
antibodies - online.com







anti-FNTA antibody (C-Term)

Images



Publications



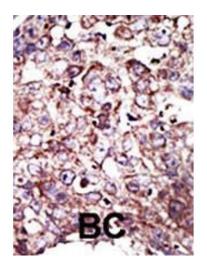
Overview	
Quantity:	400 μL
Target:	FNTA
Binding Specificity:	AA 330-360, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FNTA antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))
Product Details	
Immunogen:	This FNTA antibody is generated from rabbits immunized with a KLH conjugated synthetic
	peptide between 330-360 amino acids from the C-terminal region of human FNTA.
Clone:	RB4794
Isotype:	lg Fraction
Predicted Reactivity:	B, M, Rat
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by
	dialysis against PBS.
Target Details	
Target:	FNTA

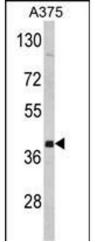
Target Details

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
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. IHC-P: 1:50~100
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
Expiry Date:	6 months
Publications	
Product cited in:	Mishra, Chandravanshi, Trigun, Krishnamurthy: "Ambroxol modulates 6-Hydroxydopamine-

induced temporal reduction in Glucocerebrosidase (GCase) enzymatic activity and Parkinson's disease symptoms." in: **Biochemical pharmacology**, Vol. 155, pp. 479-493, (2019) (PubMed).

Images





Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated. BC = breast carcinoma, HC = hepatocarcinoma.

Western Blotting

Image 2. Western blot analysis of hFNTA- (ABIN1882083 and ABIN2839267) in cell line lysates ($35 \,\mu g$ /lane). FNTA (arrow) was detected using the purified Pab.