

Datasheet for ABIN2783403
anti-FNTA antibody (C-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	FNTA
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Cow, Rabbit, Dog, Horse, Pig, Sheep
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FNTA antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human FNTA
Sequence:	DNKEDILNKA LELCEILAKE KDTIRKEYWR YIGRSLQSKH STENDSPTNV
Predicted Reactivity:	Cow: 92%, Dog: 92%, Horse: 92%, Human: 100%, Pig: 92%, Rabbit: 100%, Rat: 92%, Sheep: 92%
Characteristics:	This is a rabbit polyclonal antibody against FNTA. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

Target Details

Target:	FNTA
Alternative Name:	FNTA (FNTA Products)

Target Details

Background:	<p>Prenyltransferases attach either a farnesyl group or a geranylgeranyl group in thioether linkage to the cysteine residue of protein's with a C-terminal CAAX box. CAAX geranylgeranyltransferase and CAAX farnesyltransferase are heterodimers that share the same alpha subunit but have different beta subunits. FNTA is the alpha subunit of these transferases. Prenyltransferases attach either a farnesyl group or a geranylgeranyl group in thioether linkage to the cysteine residue of protein's with a C-terminal CAAX box. CAAX geranylgeranyltransferase and CAAX farnesyltransferase are heterodimers that share the same alpha subunit but have different beta subunits. This gene encodes the alpha subunit of these transferases. Alternative splicing results in multiple transcript variants encoding different isoforms.</p> <p>Alias Symbols: FPTA, MGC99680, PGGT1A, PTAR2</p> <p>Protein Interaction Partner: UBC, HK2, DYRK1A, RPL13A, SAFB2, TGM2, STAT2, INHBB, VAV2, HDAC6, PTP4A3, GBP1, CENPF, TGFBR1, TGFB1, KRAS, HRAS, RHOB, FNTB, ACVR1, PTP4A2,</p> <p>Protein Size: 312</p>
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Molecular Weight:	36 kDa
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Gene ID:	2339
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NCBI Accession:	NM_001018677 , NP_001018197
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UniProt:	A6NJW0
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Pathways:	Response to Water Deprivation , Regulation of G-Protein Coupled Receptor Protein Signaling
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Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
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Comment:	Antigen size: 312 AA
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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Concentration:	Lot specific
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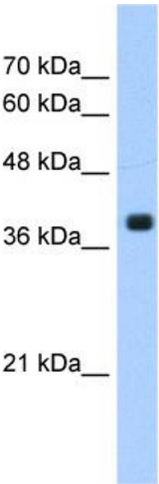
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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Preservative:	Sodium azide
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Handling

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 freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-FNTA Antibody Titration:
1.25ug/ml Positive Control: HepG2 cell lysate