

ARG58734 anti-FNTA antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes FNTA
Tested Reactivity	Hu, Ms, Rat
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	FNTA
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 280-379 of Human FNTA (NP_002018.1).
Conjugation	Un-conjugated
Alternate Names	Type I protein geranyl-geranyltransferase subunit alpha; PTAR2; FTase-alpha; GGTase-I-alpha; PGGT1A; FPTA; Protein farnesyltransferase/geranylgeranyltransferase type-1 subunit alpha; CAAX farnesyltransferase subunit alpha; EC 2.5.1.58; EC 2.5.1.59; Ras proteins prenyltransferase subunit alpha

Application Instructions

Application table	Application	Dilution
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	HL-60	
Observed Size	44 kDa	

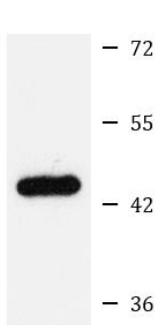
Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	FNTA
Gene Full Name	farnesyltransferase, CAAX box, alpha
Background	Prenyltransferases can attach either a farnesyl group or a geranylgeranyl group in thioether linkage to the cysteine residue of proteins 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. Related pseudogenes have been identified on chromosomes 11 and 13. [provided by RefSeq, May 2010]
Function	Essential subunit of both the farnesyltransferase and the geranylgeranyltransferase complex. Contributes to the transfer of a farnesyl or geranylgeranyl moiety from farnesyl or geranylgeranyl diphosphate to a cysteine at the fourth position from the C-terminus of several proteins having the C-terminal sequence Cys-aliphatic-aliphatic-X. May positively regulate neuromuscular junction development downstream of MUSK via its function in RAC1 prenylation and activation. [UniProt]
Calculated Mw	44 kDa
PTM	Phosphorylated. Phosphorylation is mediated by MUSK upon AGRIN stimulation and results in the activation of FNTA (By similarity). [UniProt]

Images



HL-60

ARG58734 anti-FNTA antibody WB image

Western blot: 25 µg of HL-60 cell lysate stained with ARG58734 anti-FNTA antibody at 1:1000 dilution.