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FNTA antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI12912

Product Information

Application	WB
Primary Accession	P49354
Other Accession	NM_001018677, NP_001018197
Reactivity	Human, Mouse, Rat, Rabbit, Bovine
Predicted	Human, Mouse, Rat, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	44409

Additional Information

Gene ID	2339
Alias Symbol	FPTA, MGC99680, PGGT1A, PTAR2
Other Names	Protein farnesyltransferase/geranylgeranyltransferase type-1 subunit alpha, 2.5.1.58, 2.5.1.59, CAAX farnesyltransferase subunit alpha, FTase-alpha, Ras proteins prenyltransferase subunit alpha, Type I protein geranyl-geranyltransferase subunit alpha, GGTase-I-alpha, FNTA
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-FNTA antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	FNTA antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

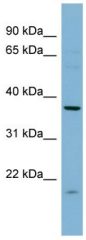
Protein Information

Name	FNTA
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.

References

Veluthakal,R.,(2007)Diabetes56(1),204-210ReconstitutionandStorage:Forshorttermuse,storeat2-8Cupto1week.Forlongtermstorage,storeat-20Cinsmallaliquotstopreventfreeze-thawcycles.

Images



WB Suggested Anti-FNTA Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:2500
Positive Control: THP-1 cell lysate