

PTAR2 / FNTA Antibody (aa150-250)
Rabbit Polyclonal Antibody
Catalog # ALS11913**Specification**

PTAR2 / FNTA Antibody (aa150-250) - Product Information

Application	WB, IHC-P
Primary Accession	P49354
Reactivity	Human, Mouse, Rat, Chicken, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	44kDa KDa
Dilution	WB~~1:1000 IHC-P~~N/A

PTAR2 / FNTA Antibody (aa150-250) - Additional Information**Gene ID** 2339**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

Target/Specificity

A portion of amino acids 150-250 of human farnesyltransferase

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.

Precautions

PTAR2 / FNTA Antibody (aa150-250) is for research use only and not for use in diagnostic or therapeutic procedures.

PTAR2 / FNTA Antibody (aa150-250) - Protein Information**Name** FNTA**Function**

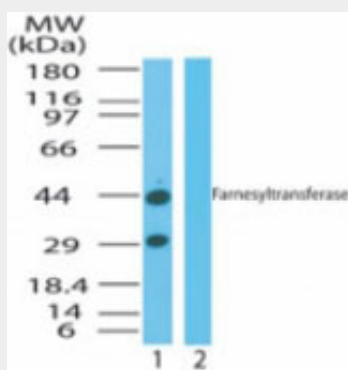
Essential subunit of both the farnesyltransferase and the geranylgeranyltransferase complex. Contributes to the transfer of a farnesyl or geranylgeranyl moiety from farnesyl or geranylgeranyl diphosphate to a cysteine at the fourth position from the C-terminus of several proteins having the C-terminal sequence Cys-aliphatic- aliphatic-X. May positively regulate neuromuscular junction development downstream of MUSK via its function in RAC1 prenylation and activation.

PTAR2 / FNTA Antibody (aa150-250) - Protocols

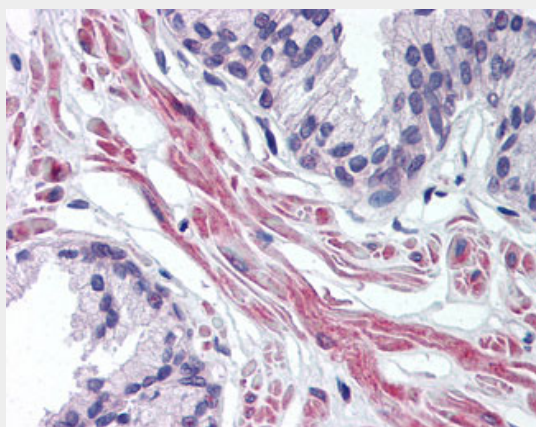
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

PTAR2 / FNTA Antibody (aa150-250) - Images



Western blot of farnesyltransferase in mouse colon cell lysate in the 1) absence and 2)...



Anti-FNTA antibody IHC of human prostate.

PTAR2 / FNTA Antibody (aa150-250) - Background

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.

PTAR2 / FNTA Antibody (aa150-250) - References

Andres D.A., et al. Genomics 18:105-112(1993).
Andres D.A., et al. J. Biol. Chem. 268:1383-1390(1993).
Omer C.A., et al. Biochemistry 32:5167-5176(1993).

Kalnina N., et al. Submitted (AUG-2003) to the EMBL/GenBank/DDBJ databases.
Ota T., et al. Nat. Genet. 36:40-45(2004).