Product Name: FTβ Rabbit Polyclonal Antibody
Catalog #: APRab11177
For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,ELISA 1:20000-1:40000
Molecular Weight	49kDa

Antigen Information

Gene Name	FNTB
Alternative Names	FNTB; Protein farnesyltransferase subunit beta; FTase-beta; CAAX farnesyltransferase subunit beta; Ras proteins prenyltransferase subunit beta
Gene ID	2342.0
SwissProt ID	P49356
Immunogen	The antiserum was produced against synthesized peptide derived from human FNTB. AA range:255-304

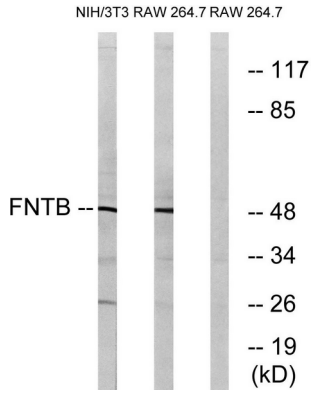
Background

catalytic activity:Farnesyl diphosphate + protein-cysteine = S-farnesyl protein + diphosphate.,cofactor:Binds 1 zinc ion per subunit.,function:Catalyzes the transfer of a farnesyl moiety from farnesyl pyrophosphate to a cysteine at the fourth position from the C-terminus of several proteins. The beta subunit is responsible for peptide-binding.,similarity:Belongs to the protein prenyltransferase subunit beta family.,similarity:Contains 5 PFTB repeats.,subunit:Heterodimer of an alpha and a beta subunit.,catalytic activity:Farnesyl diphosphate + protein-cysteine = S-farnesyl protein + diphosphate.,cofactor:Binds 1 zinc ion per subunit.,function:Catalyzes the transfer of a farnesyl moiety from farnesyl pyrophosphate to a cysteine at the fourth position from the C-terminus of several proteins. The beta subunit is responsible for peptide-binding.,similarity:Belongs to the protein prenyltransferase subunit beta family.,similarity:Contains 5 PFTB repeats.,subunit:Heterodimer of an alpha and a beta subunit.,

Research Area

Signal Transduction

Image Data



Western blot analysis of lysates from RAW264.7 abd NIH/3T3 cells, using FNTB Antibody. The lane on the right is blocked with the synthesized peptide.