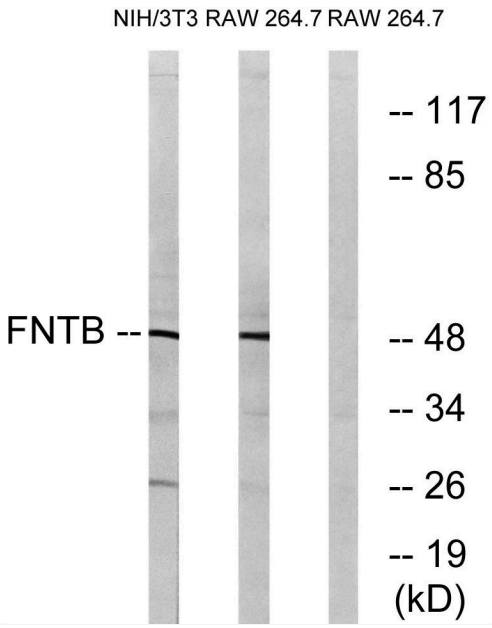
FTβ Polyclonal Antibody

Catalog No	YP-Ab-03879
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;ELISA
Gene Name	FNTB
Immunogen	The antiserum was produced against synthesized peptide derived from human FNTB. AA range:255-304
Specificity	FTβ Polyclonal Antibody detects endogenous levels of FTβ protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	FGB;HEL-S-78p;FTβ;FNTB;Protein farnesyltransferase subunit beta;FTase-beta; CAAX farnesyltransferase subunit beta;Ras proteins prenyltransferase subunit beta
Observed Band	49kD
Calculated Molecular Weight	49kD
Cell Pathway	cytosol,microtubule associated complex,protein farnesyltransferase complex,
Tissue Specificity	Neuroblastoma,Placenta,Retina,
Function	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.,

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.,
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



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.