



PGTA mouse mAb

Catalog No	YP-mAb-08032
Isotype	IgG
Reactivity	Human; Mouse;Rat
Applications	WB
Gene Name	RABGGTA
Protein Name	PGTA
Immunogen	Synthesized peptide derived from human PGTA AA range: 312-362
Specificity	This antibody detects endogenous levels of PGTA at Human/Mouse/Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.146% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Geranylgeranyl transferase type-2 subunit alpha (EC 2.5.1.60) (Geranylgeranyl transferase type II subunit alpha) (Rab geranyl-geranyltransferase subunit alpha) (Rab GG transferase alpha) (Rab GGTase alpha) (Rab geranylgeranyltransferase subunit alpha)
Observed Band	60kD
Cell Pathway	plasma membrane,Rab-protein geranylgeranyltransferase complex,
Tissue Specificity	Fetal brain,Lung,Thymus,Tongue,
Function	catalytic activity:Geranylgeranyl diphosphate + protein-cysteine = S-geranylgeranyl-protein + diphosphate.,cofactor:Binds 1 zinc ion per dimer.,enzyme regulation:The enzymatic reaction requires the aid of a Rab escort protein (also called component A).,function:Catalyzes the transfer of a geranyl-geranyl moiety from geranyl-geranyl pyrophosphate to both cysteines in Rab proteins with an -XXCC, -XCXC and -CCXX C-terminal, such as RAB1A, RAB3A and RAB5A respectively.,similarity:Belongs to the protein prenyltransferase subunit alpha family.,similarity:Contains 6 PFTA repeats.,subunit:Heterodimer of an alpha and a beta subunit, collectively called component B.,



Background

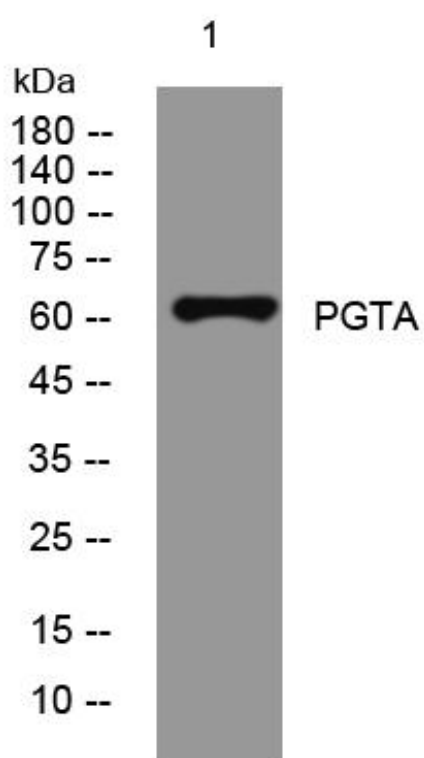
matters needing attention

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 various cells using PGTA mouse mAb