



Rab 38 Polyclonal Antibody

Catalog No	YP-Ab-16201
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;IHC
Gene Name	RAB38
Immunogen	The antiserum was produced against synthesized peptide derived from human RAB38. AA range:80-129
Specificity	Rab 38 Polyclonal Antibody detects endogenous levels of Rab 38 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	WB 1:500-2000;IHC-p 1:50-300
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Melanoma antigen NY MEL 1;RAB 38;Ras related protein Rab 38;Ras-related protein Rab-38;RAB38;Melanoma antigen NY-MEL-1
Observed Band	26kD
Calculated Molecular Weight	26kD
Cell Pathway	Cell membrane ; Lipid-anchor ; Cytoplasmic side . Melanosome . Cytoplasmic vesicle, phagosome . Cytoplasmic vesicle, phagosome membrane ; Lipid-anchor ; Cytoplasmic side . Melanosome membrane . Recruited to phagosomes containing S.aureus or M.tuberculosis (PubMed:21255211). The BLOC-3 complex, a heterodimer of HPS1 and HPS4 promotes its membrane localization (PubMed:23084991). .
Tissue Specificity	Expressed in melanocytes.
Function	function:May be involved in melanosomal transport and docking. Involved in the proper sorting of TYRP1.,PTM:Although at least one in vitro system can process and methylate the prenylated C-terminal, in an in vitro system that normally express Rab-38 and in vivo the prenylated C-terminal is not proteolytically processed and not methylated.,similarity:Belongs to the small GTPase superfamily. Rab family.,tissue specificity:Expressed in melanocytes.,



Background

function: May be involved in melanosomal transport and docking. Involved in the proper sorting of TYRP1. PTM: Although at least one in vitro system can process and methylate the prenylated C-terminal, in an in vitro system that normally express Rab-38 and in vivo the prenylated C-terminal is not proteolytically processed and not methylated. similarity: Belongs to the small GTPase superfamily. Rab family. tissue specificity: Expressed in melanocytes.

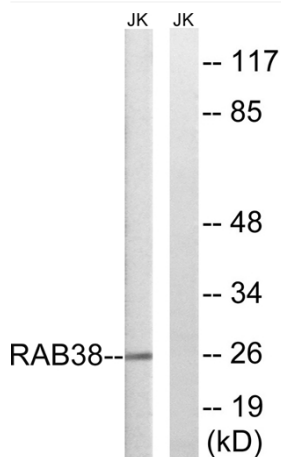
matters needing attention

Avoid repeated freezing and thawing!

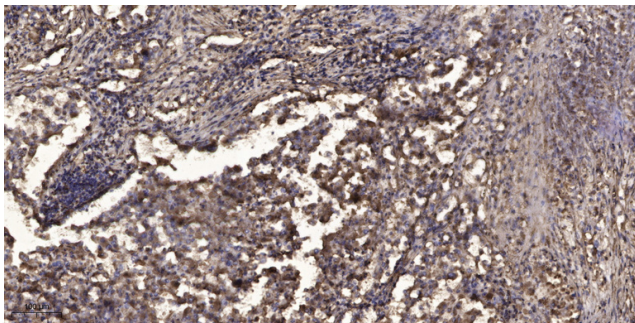
Usage suggestions

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 Jurkat cells, using RAB38 Antibody. The lane on the right is blocked with the synthesized peptide.



Immunohistochemical analysis of paraffin-embedded human Squamous cell carcinoma of lung. 1, Antibody was diluted at 1:200 (4° overnight). 2, Tris-EDTA, pH 9.0 was used for antigen retrieval. 3, Secondary antibody was diluted at 1:200 (room temperature, 45min).