



Rab2 mouse mAb

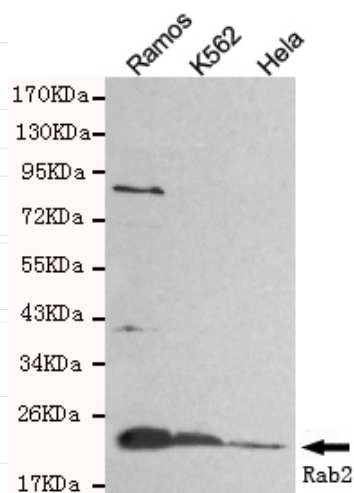
Catalog No	YP-Ab-16106
Isotype	IgG
Reactivity	Human
Applications	WB;ICC
Gene Name	rab2a
Immunogen	Purified recombinant human Rab2 protein fragments expressed in E.coli.
Specificity	This antibody detects endogenous levels of Rab2 and does not cross-react with related proteins.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse
Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen.
Dilution	wb 1:1000 icc 1:200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	RAB2A;EC:3.6.5.2;Ras related protein Rab 2A;Ras-related protein Rab-2A; Rab2;9330148M11Rik;C80220;GTP binding protein;LHX; OTTMUSP00000004796;RAB2 member RAS oncogene family;member RAS oncogene family;RAB2A_HUMAN;RAS-associated protein RAB2;RP23-183L6.1; Small GTP binding protein RAB2A.
Observed Band	24kD
Calculated Molecular Weight	24kD
Cell Pathway	Endoplasmic reticulum-Golgi intermediate compartment membrane ; Lipid-anchor . Melanosome . Endoplasmic reticulum membrane ; Lipid-anchor . Golgi apparatus membrane ; Lipid-anchor . Cytoplasmic vesicle, secretory vesicle, acrosome . Localized in the Golgi apparatus in the round spermatids and in the acrosome in the elongating spermatid (By similarity). Identified by mass spectrometry in melanosome fractions from stage I to stage IV (PubMed:17081065). .
Tissue Specificity	Brain,Skin,



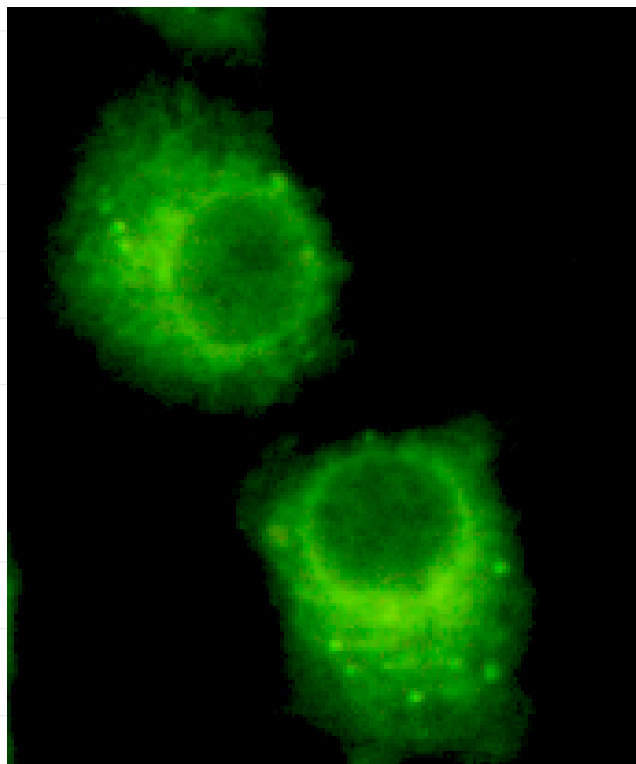
Function	function:Required for protein transport from the endoplasmic reticulum to the Golgi complex.,similarity:Belongs to the small GTPase superfamily. Rab family.,subcellular location:Identified by mass spectrometry in melanosome fractions from stage I to stage IV.,subunit:Interacts with PRKCI.,
Background	The protein encoded by this gene belongs to the Rab family, members of which are small molecular weight guanosine triphosphatases (GTPases) that contain highly conserved domains involved in GTP binding and hydrolysis. The Rabs are membrane-bound proteins, involved in vesicular fusion and trafficking. This protein is a resident of pre-Golgi intermediates, and is required for protein transport from the endoplasmic reticulum (ER) to the Golgi complex. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2011],
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 detection of Rab2 in HeLa, Ramos and K562 cell lysates and using Rab2 mouse mAb (1:800 diluted). Predicted band size: 24KDa. Observed band size: 24KDa.



Immunocytochemistry of HeLa cells using anti-Rab2 mouse mAb diluted 1:200