

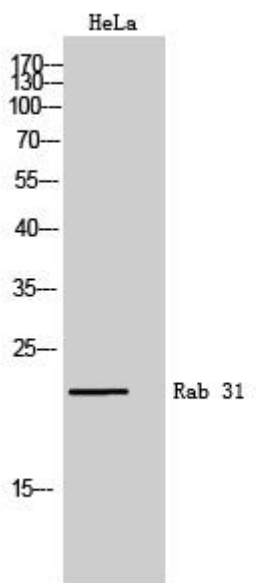


Rab 31 Monoclonal Antibody

Catalog No	YP-mAb-16196
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	RAB31
Protein Name	Ras-related protein Rab-31
Immunogen	Synthesized peptide derived from Rab 31 . at AA range: 50-130
Specificity	Rab 31 Monoclonal Antibody detects endogenous levels of Rab 31 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% 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	RAB31; RAB22B; Ras-related protein Rab-31; Ras-related protein Rab-22B
Observed Band	21kD
Cell Pathway	Golgi apparatus, trans-Golgi network . Golgi apparatus, trans-Golgi network membrane ; Lipid-anchor ; Cytoplasmic side . Early endosome . Cytoplasmic vesicle, phagosome . Cytoplasmic vesicle, phagosome membrane ; Lipid-anchor ; Cytoplasmic side . Rapidly recruited to phagosomes containing S.aureus or M.tuberculosis (PubMed:21255211). .
Tissue Specificity	Highest expression in placenta and brain with lower levels in heart and lung. Not detected in liver, skeletal muscle, kidney or pancreas.
Function	similarity:Belongs to the small GTPase superfamily. Rab family.,tissue specificity:Highest expression in placenta and brain with lower levels in heart and lung. Not detected in liver, skeletal muscle, kidney or pancreas.,
Background	Small GTP-binding proteins of the RAB family, such as RAB31, play essential roles in vesicle and granule targeting (Bao et al., 2002 [PubMed 11784320]).[supplied by OMIM, Jul 2009],
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 Rab 31 Monoclonal Antibody