

Anti-RAB1B Antibody (3U474)

Product Details

Ig Type:	IgG1, k
Reactivity:	Human (predicted:Mouse,Rat)
Molecular Weight:	Theoretical: 22 kDa. Actual: 22 kDa.
Clone:	3U474
Purification:	Protein G purified

Applications

Verified Activity:	25 ug total protein per lane of various lysates (see on figure) probed with RAB1B monoclonal antibody, unconjugated (TMAB-11983) at 1: 1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r. T. for 60 min.
Application:	WB
Recommended	WB: 1:500-2000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein: human RAB1B between 1-201 amino acids
Antigen Species:	Human
Gene ID:	81876
Uniprot ID:	Q9H0U4

Research Background

Members of the RAB protein family, such as RAB1B, are low molecular mass monomeric GTPases localized on the cytoplasmic surfaces of distinct membrane-bound organelles. RAB1B functions in the early secretory pathway and is essential for vesicle transport between the endoplasmic reticulum (ER) and Golgi (Chen et al., 1997 [PubMed 9030196]; Alvarez et al., 2003 [PubMed 12802079]).[supplied by OMIM, Jan 2009]

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