

Datasheet for ABIN7272083
anti-RAB1A antibody (Atto 488)



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Overview

Quantity:	100 µg
Target:	RAB1A
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This RAB1A antibody is conjugated to Atto 488
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Purpose:	Mouse Anti-Human RAB1A Monoclonal IgG1,
Immunogen:	Full length recombinant RAB1A protein
Clone:	7H4
Isotype:	IgG1
Specificity:	Low tissue specificity., Detects ~23 kDa. Cross-reacts with RAB1B.
Cross-Reactivity:	Human, Mouse
Purification:	Protein G Purified

Target Details

Target:	RAB1A
Alternative Name:	RAB1A (RAB1A Products)

Target Details

Background:	Rab1A is mostly found in the membrane of the endoplasmic reticulum (ER) and Golgi apparatus and is involved in cell signaling, cancer, and neurodegenerative diseases (1). It regulates protein transport from the ER to the Golgi compartment and is involved in growth hormone secretion (2)., cellular localisation: Cytoplasm , Endoplasmic reticulum , Endosome , Golgi apparatus , Membrane
Gene ID:	5861
NCBI Accession:	NP_004152
UniProt:	P62820
Pathways:	SARS-CoV-2 Protein Interactome

Application Details

Application Notes:	WB (1:1000), optimal dilutions for assays should be determined by the user.
Comment:	A 1:1000 dilution was sufficient for detection of RAB1A in 10 ug (A549, MEF), 20 ug (Mouse Brain) lysates by ECL immunoblot analysis.
Restrictions:	For Research Use only

Handling

Concentration:	1 mg/mL
Buffer:	PBS pH 7.4, 50 % glycerol, 0.09 % Sodium azide, Storage buffer may change when conjugated
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Storage Comment:	Conjugated antibodies should be stored at 4°C