Datasheet for ABIN2730367

RAB7A Protein (Myc-DYKDDDDK Tag)

1 Image | 1 Publication

Go to Product page

Overview

Quantity:	20 µg
Target:	RAB7A
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RAB7A protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)

Product Details

Characteristics:	• Recombinant human RAB7A / RAB7 protein expressed in HEK293 cells. • Produced with end-sequenced ORF clone
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining

Target Details

Target:	RAB7A
Alternative Name:	Rab7a,rab7 (RAB7A Products)
Background:	RAB family members are small, RAS-related GTP-binding proteins that are important regulators of vesicular transport. Each RAB protein targets multiple proteins that act in exocytic / endocytic pathways. This gene encodes a RAB family member that regulates vesicle traffic in the late endosomes and also from late endosomes to lysosomes. This encoded protein is also involved in the cellular vacuolation of the VacA cytotoxin of Helicobacter pylori. Mutations at

Target Details

	highly conserved amino acid residues in this gene have caused some forms of Charcot-Marie-Tooth (CMT) type 2 neuropathies.
Molecular Weight:	23.3 kDa
NCBI Accession:	NP_004628
Pathways:	EGFR Signaling Pathway, Maintenance of Protein Location, SARS-CoV-2 Protein Interactome

Application Details

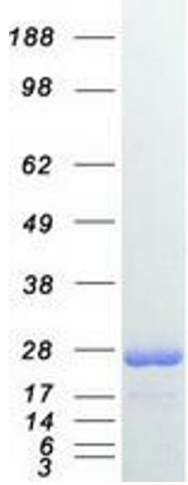
Application Notes:	Recombinant human proteins can be used for: Native antigens for optimized antibody production Positive controls in ELISA and other antibody assays
Comment:	The tag is located at the C-terminal.
Restrictions:	For Research Use only

Handling

Concentration:	50 µg/mL
Buffer:	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Storage:	-80 °C
Storage Comment:	Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.

Publications

Product cited in:	Mohamed, Xavier, Sukumar, Tan, Ravindranath, Seraj, Kumar, Sreenath, McLeod, Petrovics, Rosner, Srivastava, Strovel, Malhotra, LaRonde, Dobi, Dalgard, Srivastava: "Identification of a Small Molecule That Selectively Inhibits ERG-Positive Cancer Cell Growth." in: **Cancer research**, Vol. 78, Issue 13, pp. 3659-3671, (2018) (PubMed).



Western Blotting

Image 1. Validation with Western Blot

