

Anti-RAB45 Rabbit Monoclonal Antibody

Catalog # ABO16512

Product Information

Application	WB, IF, ICC, FC
Primary Accession	Q8IZ41
Host	Rabbit
Isotype	IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-RAB45 Rabbit Monoclonal Antibody . Tested in WB, ICC/IF, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.

Additional Information

Gene ID	158158
Other Names	Ras and EF-hand domain-containing protein, Ras-related protein Rab-45, RASEF, RAB45
Calculated MW	82879
Application Details	WB 1:500-1:2000 ICC/IF 1:50-1:200 FC 1:50
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: 30R48
Immunogen	A synthesized peptide derived from human RAB45
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Protein Information

Name	RASEF (HGNC:26464)
Function	[Isoform 1]: Rab GTPase that acts as a dynein adapter protein, thereby activating dynein-mediated transport and dynein- dynactin motility on microtubules (PubMed: 30814157). RASEF-mediated dynein motility is

Ca(2+)-independent (PubMed:[30814157](#)). Also regulates the formation and sorting of zymogen granules and secretion of digestive enzymes by pancreatic acinar cells (By similarity).

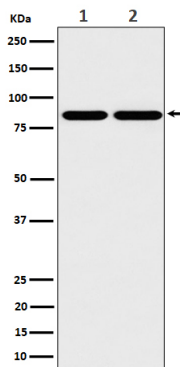
Cellular Location

[Isoform 1]: Cytoplasm, perinuclear region. Cytoplasm Golgi apparatus. Early endosome. Late endosome. Lysosome Note=Mostly diffusely distributed in the cytoplasm and partially localized to Golgi and endo-lysosomes in pancreatic cells

Tissue Location

Down-regulated in cutaneous melanoma cells but not in breast cancer cells.

Images



Western blot analysis of RAB45 expression in (1) A431 cell lysate; (2) Raw264.7 cell lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.