

Anti-Rab3C Antibody

Catalog # ABO11588

Product Information

Application	WB
Primary Accession	Q96E17
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Format	Lyophilized
Description	Rabbit IgG polyclonal antibody for Ras-related protein Rab-3C(RAB3C) detection. Tested with WB in Human;Mouse;Rat.

Reconstitution Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Additional Information

Gene ID	115827
Other Names	Ras-related protein Rab-3C, RAB3C
Calculated MW	25952
Application Details	Western blot, 0.1-0.5 µg/ml, Human, Rat, Mouse
Subcellular Localization	Cell membrane ; Lipid-anchor ; Cytoplasmic side .
Tissue Specificity	Expressed in brain, placenta and lung. .
Source	Eukaryota
Protein Name	Ras-related protein Rab-3C
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human Rab3C(204-217aa AITAAKQNTRLKET), different from the related mouse and rat sequences by one amino acid.
Purification	Immunogen affinity purified.
Cross Reactivity	No cross reactivity with other proteins
Storage	At -20 °C for one year. After reconstitution, at 4 °C for one month. It can also be aliquotted and stored frozen at -20 °C for a longer time.Avoid repeated freezing and thawing.

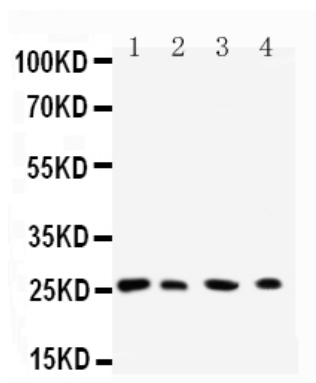
Protein Information

Name	RAB3C (HGNC:30269)
Function	The small GTPases Rab are key regulators of intracellular membrane trafficking, from the formation of transport vesicles to their fusion with membranes. Rabs cycle between an inactive GDP-bound form and an active GTP-bound form that is able to recruit to membranes different sets of downstream effectors directly responsible for vesicle formation, movement, tethering and fusion.
Cellular Location	Cell membrane; Lipid-anchor; Cytoplasmic side
Tissue Location	Expressed in brain, placenta and lung.

Background

Ras-related protein Rab-3C is a protein that in humans is encoded by the RAB3C gene. It is mapped to 5q11.2. RAB3C is found in brain, adrenal gland and pituitary. This gene is one of the small GTPases implicated in the regulation of vesicular trafficking between membrane compartments. RAB3C gene contains 6 exons and spans more than 310 kb. The function of this gene is transporting protein, and probably involved in vesicular traffic. RAB3C can interact with RIMS2, RPH3A and RPH3AL.

Images



Anti-Rab3C antibody, ABO11588, All Western blotting
All lanes: Anti-RAB3C(ABO11588) at 0.5ug/ml
Lane 1: Rat Brain Tissue Lysate at 40ug
Lane 2: HELA Whole Cell Lysate at 40ug
Lane 3: 293T Whole Cell Lysate at 40ug
Lane 4: COLO320 Whole Cell Lysate at 40ug
Predicted bind size: 26KD
Observed bind size: 26KD

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