

## Anti-RAB10 Antibody (Monoclonal, 33R45)

Catalog Number: M03588-1

### About RAB10

Ras-related protein Rab-10 is a protein that in humans is encoded by the RAB10 gene. RAB10 belongs to the RAS superfamily of small GTPases. And RAB proteins localize to exocytic and endocytic compartments and regulate intracellular vesicle trafficking. The RAB10 gene is mapped to chromosome 2p23.1-p22.3 by radiation hybrid analysis. It was found that the purified recombinant GAP domain of human AS160 showed GAP activity with RAB2A, RAB8A, RAB10, and RAB14, but not with 14 other RABs. Immunoblot analysis showed that these RABs associated with Glut4-positive vesicles in mouse adipocytes. Thereby, it concluded that AK160 functions as a RAB GAP and that RABs may participate in GLUT4 translocation.

### Overview

Product Name	Anti-RAB10 Antibody (Monoclonal, 33R45)
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-RAB10 Antibody (Monoclonal, 33R45) catalog # M03588-1. Tested in WB applications. This antibody reacts with Human, Mouse, Rat.
Application	WB
Clonality	Monoclonal 33R45
Formulation	Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	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.
Host	Rabbit
Uniprot ID	P61026

### Technical Details

Immunogen	Synthetic peptide within human RAB10 aa 103-148.
Form	Liquid
Concentration	500 ug/ml
Purification	Protein A affinity purified.

Suggested Dilutions

Western blot, 1:500-2000

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