

# RAB39B Monoclonal antibody

Catalog Number: 68014-1-Ig

## Basic Information

**Catalog Number:**

68014-1-Ig

**Size:**

1000 µg/ml

**Source:**

Mouse

**Isotype:**

IgG2b

**Immunogen Catalog Number:**

AG27170

**GenBank Accession Number:**

BC009714

**GeneID (NCBI):**

116442

**UNIPROT ID:**

Q96DA2

**Full Name:**

RAB39B, member RAS oncogene family

**Calculated MW:**

213 aa, 25 kDa

**Observed MW:**

25 kDa

**Purification Method:**

Protein A purification

**CloneNo.:**

2F4F7

**Recommended Dilutions:**

WB 1:5000-1:50000

## Applications

**Tested Applications:**

WB, ELISA

**Species Specificity:**

Human, mouse, rat, rabbit, pig

**Positive Controls:**

**WB** : rabbit brain tissue, Jurkat cells, LNCaP cells, pig brain tissue, mouse brain tissue, pig cerebellum tissue, mouse cerebellum tissue

## Background Information

RAB39B is a member of the RAB GTPase family with a putative role in vesicle trafficking. RAB39B is predominantly expressed in neuronal cells and is localized to the endoplasmic reticulum, Golgi and trans - Golgi recycling endosomes. Several reports suggested that RAB39B may regulate protein trafficking and the PI3K-AKT-mTOR pathway. Mutations in RAB39B are known to be associated with X-linked intellectual disability (XLID), Parkinson's disease, and autism.

## Storage

**Storage:**

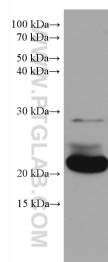
Store at -20°C.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

## Selected Validation Data



rabbit brain tissue were subjected to SDS PAGE followed by western blot with 68014-1-Ig (RAB39B antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.