

Datasheet for ABIN4913400

anti-RAB3A antibody**2** Images[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	RAB3A
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This RAB3A antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunofluorescence (Cultured Cells) (IF (cc)), Flow Cytometry (FACS)

Product Details

Immunogen:	This RAB3A antibody is generated from a mouse immunized with a recombinant protein.
Clone:	5B7
Isotype:	IgG1
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein G.

Target Details

Target:	RAB3A
Alternative Name:	RAB3A (RAB3A Products)
Background:	Synonyms: Ras-related protein Rab-3A, RAB3A

Target Details

Background: Involved in exocytosis by regulating a late step in synaptic vesicle fusion. Could play a role in neurotransmitter release by regulating membrane flow in the nerve terminal.

Gene ID: 5864

UniProt: [P20336](#)

Pathways: [Synaptic Membrane](#), [Synaptic Vesicle Exocytosis](#), [Dicarboxylic Acid Transport](#)

Application Details

Application Notes: WB 1:300-5000
FCM 1:20-100
IF(ICC) 1:50-200
IF()

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.5 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

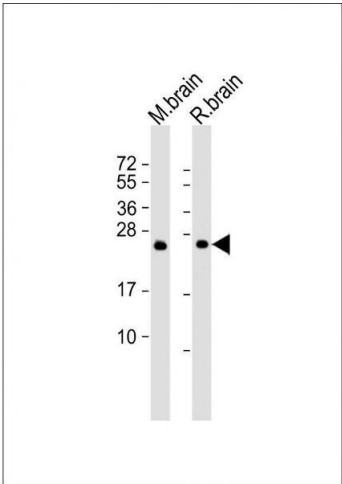
Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months



Western Blotting

Image 1. Lane 1: mouse brain lysates, Lane 2: rat brain lysates, probed with RAB3A (1531CT562.14.57) Monoclonal Antibody, unconjugated (bsm-51311M) at 1:2000 overnight at 4°C followed by a conjugated secondary antibody for 60 minutes at 37°C.



Immunofluorescence (Cultured Cells)

Image 2. Immunofluorescent analysis of 4% paraformaldehyde-fixed, 0.1% Triton X-100 permeabilized PC-12 cells labeled with RAB3A (1531CT562.14.57) Monoclonal Antibody (bsm-51311M) at 1/25 dilution, followed by secondary antibody (green), cytoplasmic actin staining (red), and nuclear counter stain with DAPI (blue).