

Datasheet for ABIN7166993

anti-RAB3GAP1 antibody (Catalytic Subunit)[Go to Product page](#)

4 Images

Overview

Quantity:	100 µg
Target:	RAB3GAP1
Binding Specificity:	AA 527-653, Catalytic Subunit
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RAB3GAP1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Rab3 GTPase-activating protein catalytic subunit protein (527-653AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	RAB3GAP1
Alternative Name:	RAB3GAP1 (RAB3GAP1 Products)
Background:	Background: Probable catalytic subunit of a GTPase activating protein that has specificity for Rab3 subfamily (RAB3A, RAB3B, RAB3C and RAB3D). Rab3 proteins are involved in regulated

Target Details

exocytosis of neurotransmitters and hormones. Specifically converts active Rab3-GTP to the inactive form Rab3-GDP. Required for normal eye and brain development. May participate in neurodevelopmental processes such as proliferation, migration and differentiation before synapse formation, and non-synaptic vesicular release of neurotransmitters.

Aliases: DKFZp434A012 antibody, KIAA0066 antibody, P130 antibody, Rab3 GAP antibody, Rab3 GAP p130 antibody, RAB3 GTPase activating protein 130 kDa subunit antibody, Rab3 GTPase activating protein catalytic subunit antibody, RAB3 GTPase activating protein subunit 1 (catalytic) antibody, RAB3 GTPase-activating protein 130 kDa subunit antibody, Rab3 GTPase-activating protein catalytic subunit antibody, Rab3-GAP antibody, Rab3-GAP p130 antibody, RAB3GAP antibody, rab3gap1 antibody, RAB3GAP130 antibody, RB3GP_HUMAN antibody, WARBM1 antibody

UniProt: [Q15042](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IHC:1:200-1:500, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

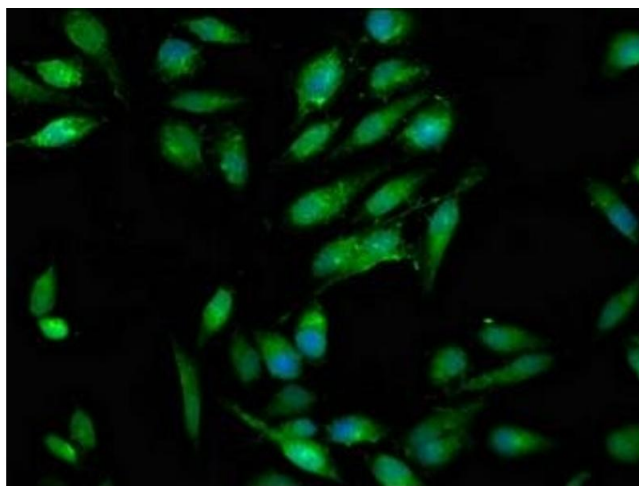
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

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

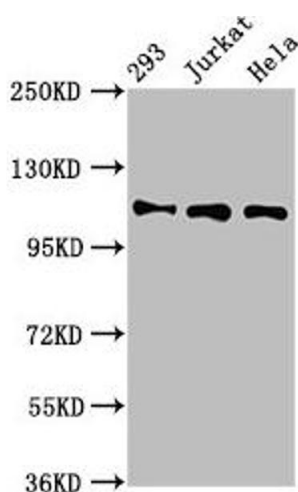
Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



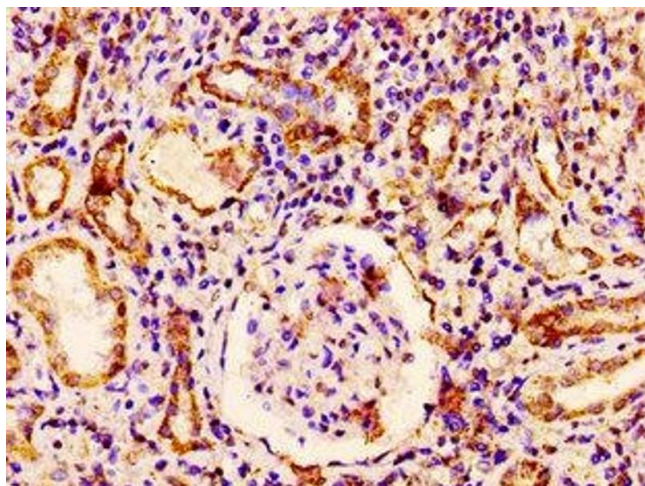
Immunofluorescence

Image 1. Immunofluorescence staining of HeLa cells with ABIN7166993 at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Western Blotting

Image 2. Western Blot Positive WB detected in: 293 whole cell lysate, Jurkat whole cell lysate, HeLa whole cell lysate All lanes: RAB3GAP1 antibody at 7 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 111, 112, 106 kDa Observed band size: 111 kDa



Immunohistochemistry

Image 3. IHC image of ABIN7166993 diluted at 1:300 and staining in paraffin-embedded human kidney tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7166993.