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Datasheet for ABIN1394208

anti-RAB3GAP2 antibody (AA 741-850) (Alexa Fluor 647)

Overview

Quantity:	100 µL
Target:	RAB3GAP2
Binding Specificity:	AA 741-850
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RAB3GAP2 antibody is conjugated to Alexa Fluor 647
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human RAB3GAP2
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Cow, Sheep, Horse, Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	RAB3GAP2
Alternative Name:	RAB3GAP2 (RAB3GAP2 Products)
Background:	Synonyms: DKFZp434D245, FLJ14579, KIAA0839, p150, Rab3 GAP p150, Rab3 GAP regulatory

Target Details

subunit, Rab3 GAP150, Rab3 GTPase activating protein 150 kDa subunit, Rab3 GTPase activating protein non catalytic subunit, RAB3 GTPase activating protein subunit 2 non catalytic, RAB3 GTPase activating protein subunit 2, RAB3GAP150, RGAP iso, RP11 568G11.1, RBGPR_HUMAN.

Background: ab 3 GAP p150 is a ubiquitously expressed protein that contains 1,393 amino acids and belongs to the Rab3-GAP regulatory subunit family. Defects in Rab 3 GAP p150 are the cause of Martsolf and Warburg Micro syndrome. Both syndromes are characterized by congenital cataracts, microphthalmia, postnatal microcephaly and developmental delay, and are inherited in an autosomal recessive manner. The Rab3 GTPase-activating complex is a heterodimer composed of RAB3GAP and Rab 3 GAP p150 that interacts with DMXL2. Existing as two alternatively spliced isoforms, the Rab 3 GAP p150 gene is conserved in chimpanzee, dog, cow, rat, chicken, zebrafish, fruit fly, mosquito, A.thaliana and rice. The Rab 3 GAP p150 gene contains 36 exons and maps to human chromosome 1q41.

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % 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: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months