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Datasheet for ABIN881421

anti-ADCK2 antibody (AA 545-626) (Alexa Fluor 647)

Overview

Quantity:	100 µL
Target:	ADCK2
Binding Specificity:	AA 545-626
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ADCK2 antibody is conjugated to Alexa Fluor 647
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human ADCK2
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Cow, Horse, Chicken, Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	ADCK2
Alternative Name:	Adck2 (ADCK2 Products)
Background:	Synonyms: AARF, aarF domain containing kinase 2, ADCK2, ADCK2_HUMAN, MGC20727,

Target Details

Uncharacterized aarF domain-containing protein kinase 2.

Background: ADCK2 (aarF domain containing kinase 2), also known as AARF, is a 626 amino acid single-pass membrane protein belonging to the protein kinase superfamily and the ADCK protein kinase family. The ADCK family consists of five paralogs in human (ADCK1-5). Encoded by a gene that maps to human chromosome 7q34, ADCK2 contains one protein kinase domain. ADCK2 participates in ATP and nucleotide binding, transferase functions and protein serine/threonine kinase activities. Expression of ADCK2 inversely correlates with cellular viability, suggesting elevated expression of ADCK2 may be essential for tumour survival. ADCK2 is necessary for cell proliferation of glioblastoma multiforme (GBM), a fatal primary brain tumor containing countless genetic and epigenetic alterations.

Gene ID: 90956

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