Datasheet for ABIN6985012

anti-ADAP2 antibody (AA 201-300) (Cy5.5)

Go to Product page

Overview

Quantity:	100 µL
Target:	ADAP2
Binding Specificity:	AA 201-300
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ADAP2 antibody is conjugated to Cy5.5
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 Centaurin alpha 2
Isotype:	IgG
Specificity:	Possible cross-reactivity with ADAP1 (85 % homology with the immunogen sequence, 43 kDa)
Cross-Reactivity:	Human, Rat
Predicted Reactivity:	Mouse,Dog,Cow,Sheep,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	ADAP2

Target Details

Alternative Name:	Centaurin alpha 2 (ADAP2 Products)
Background:	Synonyms: ADAP2, ADAP2_HUMAN, Arf-GAP with dual PH domain-containing protein 2, ArfGAP with dual PH domains 2, cent b, Centa 2, CENTA2, Centaurin alpha 2, Centaurin alpha 2 protein, Centaurin beta, Centaurin-alpha-2, Cnt-a2, HSA272195. Background: The ADP-ribosylation factor (ARF) family of small GTP-binding proteins are involved in vesicular transport regulation and in controlling cytoskeletal organization and cell adhesion. The Centaurin GTPase-activating protein family comprise a subset of ARF regulatory molecules that transduce PI 3-kinase activation into coordinated control of ARF-dependent pathways. This family includes ASAP1, ACAP1, ACAP2, AGAP1, ARAP1, ARAP2, Centaurin a1, Centaurin g3 and the recently discovered Centaurin a2. Expressed in a wide variety of tissues such as fat, heart and skeletal muscle, Centaurin a2 is thought to negatively regulate ARF-mediated actin rearrangement by binding activated PI 3-kinase. Although the exact function of Centaurin a2 is not yet known, its high sequence similarity with Centaurin a1 suggests that it may also act as an ARF6 GTPase.
Gene ID:	55803
UniProt:	Q9NPF8

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

Handling

Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months

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