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Datasheet for ABIN7301472 anti-alpha Adducin antibody (C-Term)

3 Images

Alternative Name:



Overview

Quantity:	100 μL
Target:	alpha Adducin (ADD1)
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This alpha Adducin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF),
	Immunoprecipitation (IP), Immunochromatography (IC)
Product Details	
Immunogen:	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of
	human Alpha-adducin.
Specificity:	Recognizes endogenous levels of Alpha-adducin protein.
Characteristics:	Rabbit polyclonal antibody to Alpha-adducin
Purification:	The antibody was purified by immunogen affinity chromatography.
Target Details	
Target:	alpha Adducin (ADD1)
A.I	

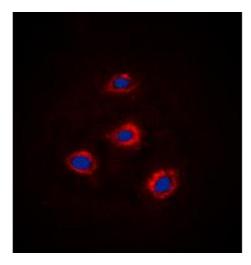
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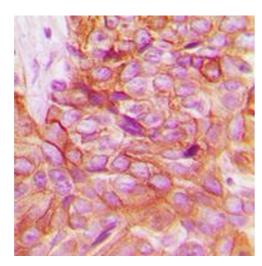
alpha-Adducin (ADD1 Products)

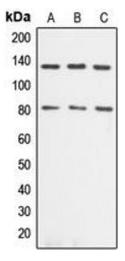
Target Details	
Background:	ADD1, ADDA, Alpha-adducin, Erythrocyte adducin subunit alpha, ADD2, ADDB, Beta-adducin, Erythrocyte adducin subunit beta
Gene ID:	118, 119, 11518
UniProt:	P35611, P35612, Q9QYC0, Q9QYB8, Q63028, Q05764
Pathways:	Negative Regulation of Hormone Secretion, Regulation of Actin Filament Polymerization, Regulation of Lipid Metabolism by PPARalpha, ER-Nucleus Signaling

Application Details

Application Notes:	WB (1:500 - 1:1000), IH (1:100 - 1:200), IF/IC (1:100 - 1:500), IP (1:10 - 1:100)
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and
	0.01 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Expiry Date:	12 months







Immunofluorescence

Image 1. Immunofluorescent analysis of Alpha-adducin staining in HEK293 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a hidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

Immunohistochemistry

Image 2. Immunohistochemical analysis of Alpha-adducin staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugad compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Western Blotting

Image 3. Western blot analysis of Alpha-adducin expression in Jurkat (A), HeLa (B), NIH3T3 (C) whole cell lysates.

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