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anti-ARPC1A antibody (C-Term)

3 Images



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Overview

Quantity:	100 μg
Target:	ARPC1A
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This ARPC1A antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

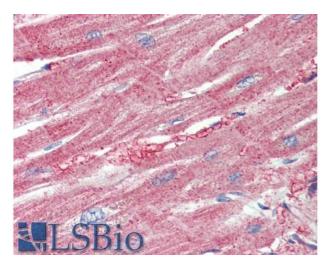
Product Details

Purpose:	ARPC1A
Sequence:	DFKTLESSIQ GLR
Isotype:	IgG
Specificity:	This antibody is expected to recognize both reported isoforms (NP_006400.2, NP_001177925.1). No cross-reactivity expected with ARPC1B.
Cross-Reactivity:	Cow, Human, Mouse, Pig, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

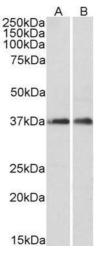
Larget Details	
Target:	ARPC1A
Alternative Name:	ARPC1A (ARPC1A Products)
Background:	ARPC1A, actin related protein 2/3 complex, subunit 1A, 41 kDa, Arc40, SOP2Hs, SOP2L, OTTHUMP00000206034, SOP2-like protein, actin binding protein (Schizosaccharomyces pombe sop2-like), actin-related protein 2/3 complex subunit 1A
Gene ID:	10552, 56443, 81824
NCBI Accession:	NP_006400, NP_001177925
Pathways:	Regulation of Actin Filament Polymerization
Application Details	
Application Notes:	Immunohistochemistry: Paraffin embedded Human Heart. Recommended concentration: 5 µ g/mL. Western Blot: Approx 45 kDa band observed in lysates of cell line HeLa (calculated MW of
	41.6 kDa according to NP_006400.2). Approx 37 kDa band observed in fetal Mouse Brain and adult Rat Brain lysates (calculated MW of 41.6 kDa according to Mouse NP_062741. Peptide ELISA: antibody detection limit dilution 1:64000.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerate

at 4°C for a few weeks and still remain viable.



Immunohistochemistry

Image 1. ABIN5539619 (5 μ g/ml) staining of paraffin embedded Human Heart. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Western Blotting

Image 2. ABIN5539619 (0.1μg/ml) staining of fetal Mouse Brain (A) and adult Rat Brain (B) lysates (35μg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

250kDa 150kDa 100kDa

75kDa

50kDa

37kDa

25kDa

20kDa

Western Blotting

Image 3. ABIN5539619 (0.3μg/ml) staining of HeLa lysate (35μg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.