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# anti-ARPC3 antibody (C-Term)





Publication



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### Overview

Quantity:	100 μg
Target:	ARPC3
Binding Specificity:	C-Term
Reactivity:	Human, Mouse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This ARPC3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

# **Product Details**

Purpose:	ARPC3
Immunogen:	Peptide with sequence C-RQFMNKSLSGPGQ, from the C Terminus of the protein sequence according to NP_005710.1.
Sequence:	RQFMNKSLSG PGQ
Isotype:	lgG
Specificity:	Please note there are two hypothetical proteins called "similar to the Arp2/3 protein complex subunit p21-Arc" that are virtually identical (CAC14083, XP_208062).
Cross-Reactivity:	Cow, Dog, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

# **Product Details** Grade: Verified **Target Details** Target: ARPC3 Alternative Name ARPC3 (ARPC3 Products) Background: ARPC3, ARC21, p21-Arc, actin related protein 2/3 complex, subunit 3, 21 kDa, ARP2/3 protein complex subunit p21, actin related protein 2/3 complex subunit 3 Gene ID: 10094, 56378 NCBI Accession: NP\_005710 RTK Signaling, Regulation of Actin Filament Polymerization Pathways: **Application Details Application Notes:** Western Blot: Band observed just below 20 kDa marker in HeLa, Human Brain and Mouse Brain lysates (predicted MW of 20 kDa according to NP\_005710). Recommended for use at 1-3 $\mu$ g/mL. Primary incubation was for 1 hour. This antibody has been successfully used Peptide ELISA: antibody detection limit dilution 1:16000. 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. Sodium azide Preservative: 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. -20 °C Storage: Storage Comment: Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated

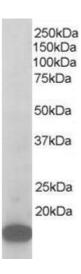
at 4°C for a few weeks and still remain viable.

# **Publications**

Product cited in:

Fu, Brown, Yap, Winckler, Jaiswal, Liu: "Doublecortin (Dcx) family proteins regulate filamentous actin structure in developing neurons." in: **The Journal of neuroscience : the official journal of the Society for Neuroscience**, Vol. 33, Issue 2, pp. 709-21, (2013) (PubMed).

## **Images**



# **Western Blotting**

**Image 1.** ABIN185223 staining (1µg/ml) of Mouse Brain lysate (RIPA buffer, 35µg total protein per lane). Detected by chemiluminescence.