

Datasheet for ABIN2774829  
**anti-Arc antibody (Middle Region)**



[Go to Product page](#)

6 Images

## Overview

Quantity:	100 µL
Target:	Arc
Binding Specificity:	Middle Region
Reactivity:	Human, Rat, Mouse, Guinea Pig, Cow, Goat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Arc antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human ARC
Sequence:	ELDLPQKQGE PLDQFLWRKR DLYQTLYVDA DEEEIIQYVV GTLQPKLKRF
Predicted Reactivity:	Cow: 100%, Goat: 100%, Guinea Pig: 100%, Human: 100%, Mouse: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against ARC. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

## Target Details

Target:	Arc
Alternative Name:	ARC ( <a href="#">Arc Products</a> )

## Target Details

Background: ARC is required for consolidation of synaptic plasticity as well as formation of long-term memory. It regulates endocytosis of AMPA receptors in response to synaptic activity. The protein is also required for homeostatic synaptic scaling of AMPA receptors.

Alias Symbols: KIAA0278, Arg3.1

Protein Interaction Partner: UBE3A, UBC, KRT15,

Protein Size: 396

Molecular Weight: 45 kDa

Gene ID: 23237

NCBI Accession: [NM\\_015193](#), [NP\\_056008](#)

UniProt: [Q7LC44](#)

## Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 396 AA

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

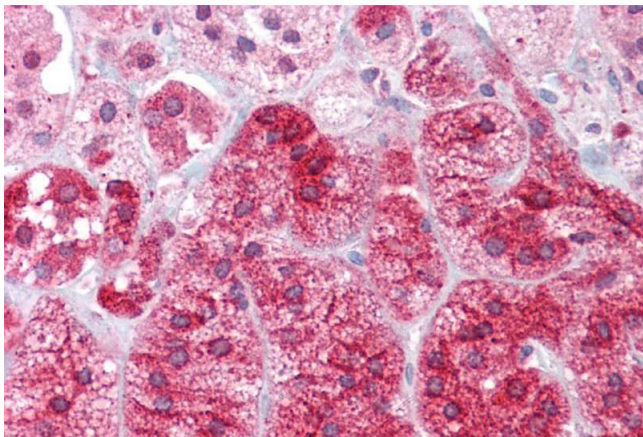
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze-thaw cycles.

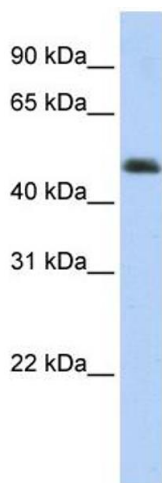
Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



#### Immunohistochemistry

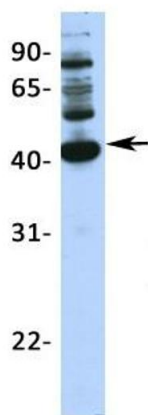
**Image 1.** Immunohistochemistry with Adrenal tissue at an antibody concentration of 5µg/ml using anti-ARC antibody (ARP36563\_P050)



#### Western Blotting

**Image 2.** WB Suggested Anti-ARC Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: Transfected 293T

**ARC**



#### Western Blotting

**Image 3.** Host: Rabbit Target Name: ARC Sample Type: 293T Antibody Dilution: 1.0ug/ml

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN2774829.