



[Go to Product page](#)

Datasheet for ABIN2779115  
**anti-CDKN2AIP antibody (C-Term)**

3 Images

Overview

Quantity:	100 µL
Target:	CDKN2AIP
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Dog, Rabbit, Cow, Guinea Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CDKN2AIP antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human CARF
Sequence:	AIEALKATLD VFFVPLKELA DLPQNKSSQE SIVCEL RCKS VYLGTGCGKS
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 86%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against CARF. It was validated on Western Blot and immunohistochemistry.
Purification:	Protein A purified

Target Details

Target:	CDKN2AIP
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## Target Details

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Alternative Name: [CARF \(CDKN2AIP Products\)](#)

Background: CARF was first cloned as a novel binding partner of ARF from a yeast-interactive screen. CARF and ARF colocalize in the perinucleolar region and have a collaborative function. In the nucleoplasm, CARF interacts with p53 and enhances its function. The p53 downregulates CARF in a negative feedback regulatory loop and may also involve p53 antagonist HDM2.

Alias Symbols: CARF

Protein Interaction Partner: UBC, XRN2, RPA3, RPA2, RPA1, WHSC1, VCP, Cdkn2a, MDC1, BRCA1, BARD1, GGH, EPHX1, MDM2, CUL3, SUMO2, RAD21, DHX58, Clp1,

Protein Size: 580

Molecular Weight: 64 kDa

Gene ID: 55602

NCBI Accession: [NM\\_017632](#), [NP\\_060102](#)

UniProt: [Q9NXV6](#)

## Application Details

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

Comment: Antigen size: 580 AA

Restrictions: For Research Use only

## Handling

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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.

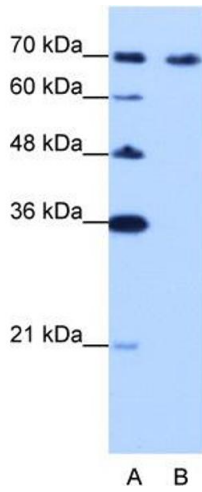
Handling Advice: Avoid repeated freeze-thaw cycles.

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

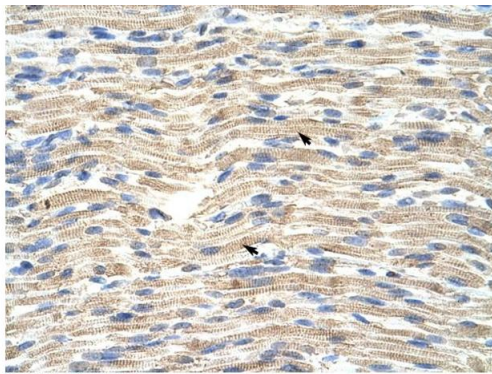
aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

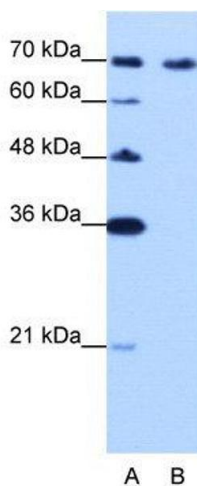
**Image 1.** WB Suggested Anti-CARF Antibody Titration: 0.3125ug/ml Positive Control: Jurkat cell lysate CDKN2AIP is supported by BioGPS gene expression data to be expressed in Jurkat



Rabbit Anti-CARF Antibody  
 Catalog Number: ARP40869  
 Lot Number: QC10143  
 Paraffin Embedded Tissue: Human Muscle  
 Cells with Positive label: Skeletal muscle cells (Indicated with Arrows)  
 Antibody Concentration: 4.0-8.0 µg/ml  
 Magnification: 400X

Immunohistochemistry

**Image 2.**



Western Blotting

**Image 3.** WB Suggested Anti-CARF Antibody Titration: 0.3125 µg/mL Positive Control: Jurkat cell lysate CDKN2AIP is supported by BioGPS gene expression data to be expressed in Jurkat