

## ARC Antibody

Catalog No: #33325

Package Size: #33325-1 50ul #33325-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

## Description

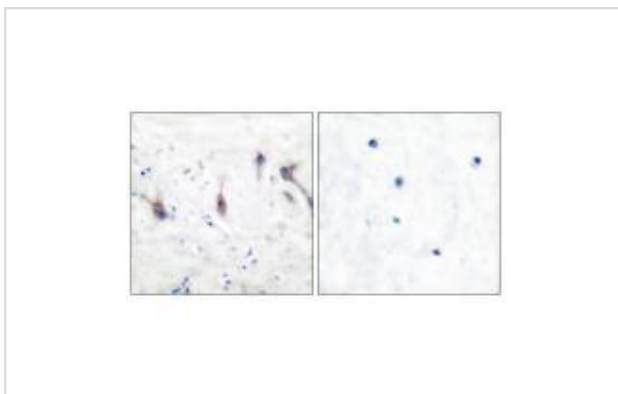
Product Name	ARC Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB IHC IF
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total ARC protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from human ARC.
Target Name	ARC
Other Names	Myp; NOL3; Nop30; Nucleolar protein 3; apoptosis repressor ARC
Accession No.	Swiss-Prot: Q5TZN6NCBI Gene ID: 8996
SDS-PAGE MW	23kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

## Application Details

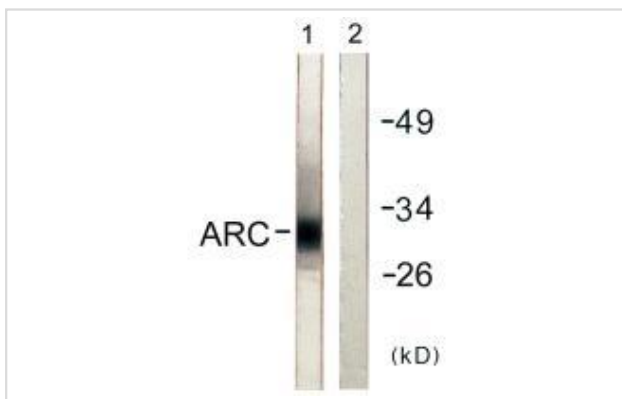
Western blotting: 1:500~1:3000

Immunohistochemistry: 1:50~1:100

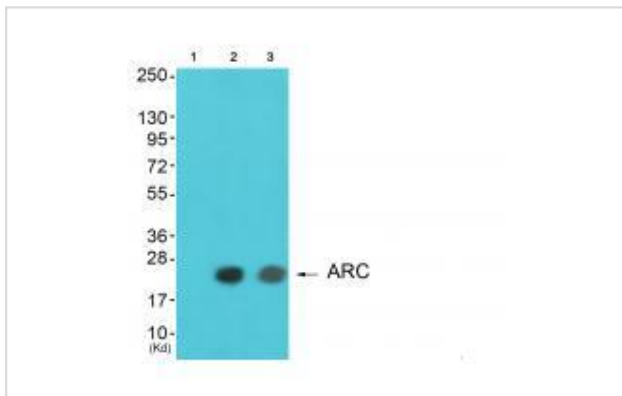
## Images



Immunohistochemical analysis of paraffin-embedded human brain tissue using ARC antibody #33325.



Western blot analysis of extracts from HeLa cells, using ARC antibody #33325.



Western blot analysis of extracts from HeLa cells and A549 cells using ARC antibody #33325. The lane on the left is treated with synthesized peptide.

## Background

This gene encodes an anti-apoptotic protein that has been shown to down-regulate the enzyme activities of caspase 2, caspase 8 and tumor protein p53. Multiple transcript variants encoding different isoforms have been found for this gene.

Victor RamB`B rez-Amaya, *J. Neurosci.*, Feb 2005; 25: 1761 - 1768.

Young-Jae Nam, *J. Biol. Chem.*, Feb 2007; 282: 5522 - 5528.

Daryoush Ekhterae, *Circ. Res.*, Dec 1999; 85: 70.

Tsai-Kun Li, *Cancer Res.*, Dec 2003; 63: 8400 - 8407

Note: This product is for in vitro research use only and is not intended for use in humans or animals.