

Rabbit ARC Polyclonal Antibody | anti-ARC antibody

ARC antibody - middle region

CATALOG # AAA23456	HOST Rabbit	REACTIVITY Cow, Goat, Guinea Pig, Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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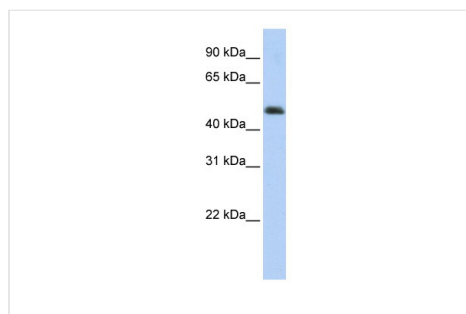
PRODUCT SYNONYMS

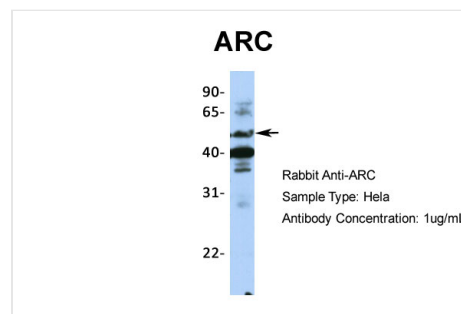
ARC; Polyclonal Antibody; ARC antibody - middle region; anti-ARC antibody

PRODUCT SPECIFICATIONS

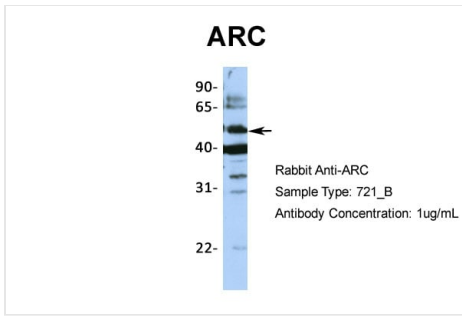
Host	Rabbit
Reactivity	Cow, Goat, Guinea Pig, Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: EL DLPQKQGEPL DQFLWRKRD L YQTL YVDADE EEIIQYVVG T LQPKLKRF
Sequence Length	396
Applicable Applications for anti-ARC antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 100%; Goat: 100%; Guinea Pig: 100%; Human: 100%; Mouse: 100%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human ARC
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

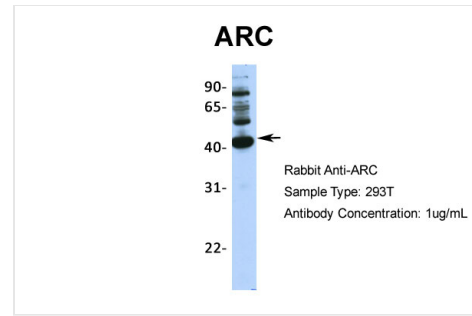
WB Suggested Anti-ARC Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:312500
Positive Control: Transfected 293T

WB (Western Blot)

Host: Rabbit
Target Name: ARC
Sample Type: HeLa
Antibody Dilution: 1.0 ug/ml



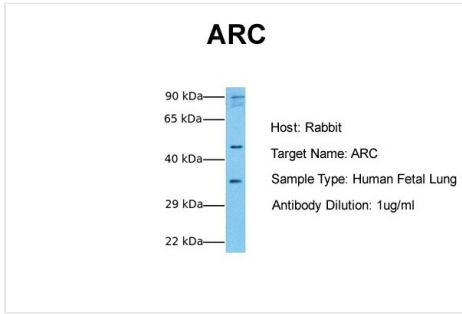
WB (Western Blot)

Host: Rabbit Target Name: ARCSample Type: 721_BAntibody Dilution: 1.0ug/ml



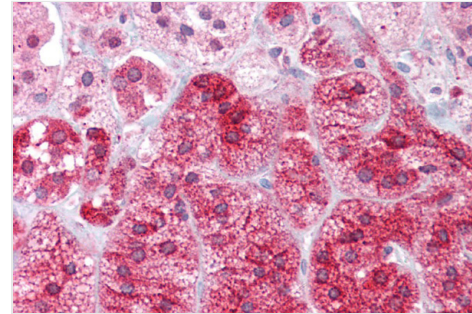
WB (Western Blot)

Host: Rabbit Target Name: ARCSample Type: 293TAntibody Dilution: 1.0ug/ml



WB (Western Blot)

Host: Rabbit Target Name: ARCSample Tissue: Human Fetal LungAntibody Dilution: 1.0ug/ml



IHC (Immunohistochemistry)

Immunohistochemistry with Adrenal tissue at an antibody concentration of 5ug/ml using anti-ARC antibody

ADDITIONAL INFORMATION

Related Product Information for anti-ARC antibody	This is a rabbit polyclonal antibody against ARC. It was validated on Western Blot using a cell lysate as a positive control. Target Description: 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.
Product Categories/Family for anti-ARC antibody	Polyclonal; Various; Immunohistochemistry; Cell Morphogenesis

NCBI AND UNIPROT INFORMATION

NCBI GI #	8567330
NCBI GeneID	23237
NCBI Accession #	NP_056008
NCBI GenBank Nucleotide #	NM_015193
UniProt Accession #	Q7LC44
Molecular Weight	45kDa
NCBI Official Full Name	activity-regulated cytoskeleton-associated protein
NCBI Official Synonym Full Names	activity regulated cytoskeleton associated protein
NCBI Official Symbol	ARC
NCBI Official Synonym Symbols	hArc; Arg3.1
NCBI Protein Information	activity-regulated cytoskeleton-associated protein
UniProt Protein Name	Activity-regulated cytoskeleton-associated protein

UniProt Gene Name	ARC
UniProt Synonym Gene Names	Arg3.1
UniProt Entry Name	ARC_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/arc-antibody-immunohistochemistry-western-blot-elisa/23456>