

Rabbit ARP2 Polyclonal Antibody | anti-ARP2 antibody

ARP2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328780	Rabbit	Human, Mouse, RatPredicted: Pig, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus	Western Blot

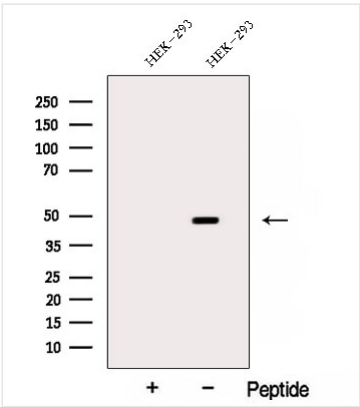
PRODUCT SYNONYMS

ARP2; Polyclonal Antibody; ARP2 Antibody; Actin like protein 2; Actin related protein 2; Actin-like protein 2; Actin-related protein 2; ACTR2; ARP2 actin related protein 2 homolog (yeast); ARP2/3 COMPLEX; ARP2_HUMAN; OTTHUMP00000159937; OTTHUMP00000202270; anti-ARP2 antibody

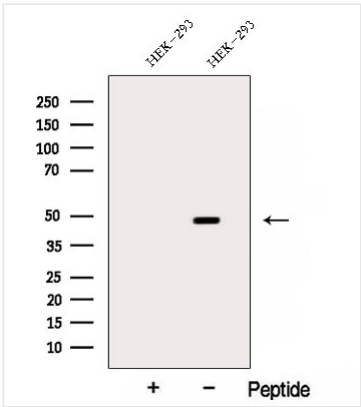
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted: Pig, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus
Clonality	Polyclonal
Isotype	IgG
Specificity	ARP2 Antibody detects endogenous levels of ARP2.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid; Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	394
Applicable Applications for anti-ARP2 antibody	WB (Western Blot)
Immunogen	A synthesized peptide derived from human ARP2.
Fragment	Fab Fragment
Conjugate	Unconjugated
Subcellular Location	Cytoskeleton
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis of extracts from HEK-293 cells, using ARP2 Antibody. The lane on the left was treated with blocking peptide.



WB (Western Blot)
Western blot analysis of extracts from Hybridoma cells, using ARP2 Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-ARP2 antibody	Description: Functions as ATP-binding component of the Arp2/3 complex which is involved in regulation of actin polymerization and together with an activating nucleation-promoting factor (NPF) mediates the formation of branched actin networks. Seems to contact the pointed end of the daughter actin filament.
	Subunit Structure: Component of the Arp2/3 complex composed of ARP2, ARP3, ARPC1B/p41-ARC, ARPC2/p34-ARC, ARPC3/p21-ARC, ARPC4/p20-ARC and ARPC5/p16-ARC.
	Similarity: Belongs to the actin family. ARP2 subfamily.

NCBI AND UNIPROT INFORMATION

NCBI GI #	5031571
NCBI GeneID	10097
NCBI Accession #	NP_005713.1
NCBI GenBank Nucleotide #	NP_005713.1
UniProt Accession #	P61160
Molecular Weight	Observed: 45 kDa Predicted: 45 kDa
NCBI Official Full Name	actin-related protein 2 isoform b
NCBI Official Synonym Full Names	actin related protein 2
NCBI Official Symbol	ACTR2
NCBI Official Synonym Symbols	ARP2
NCBI Protein Information	actin-related protein 2
UniProt Protein Name	Actin-related protein 2
UniProt Gene Name	ACTR2
UniProt Synonym Gene Names	ARP2
UniProt Entry Name	ARP2_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/arp2-antibody-western-blot-elisa/328780>