

Rabbit ACTR2 Polyclonal Antibody | anti-ACTR2 antibody

ACTR2 Antibody (Center)

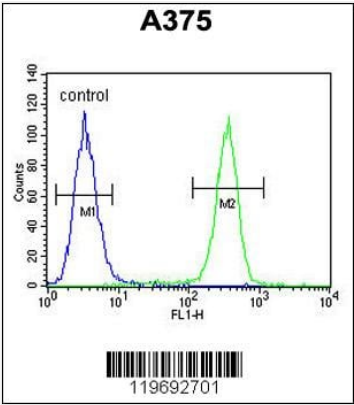
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290263	Rabbit	Human (Predicted Reactivity: Xenopus, Bovine, Chicken, Mouse, Rat)	Western Blot, Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

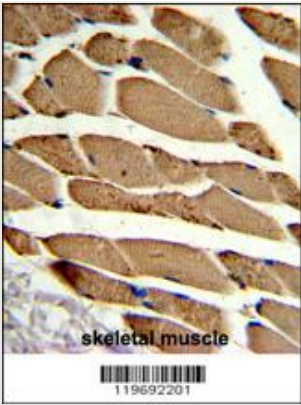
ACTR2; Polyclonal Antibody; ACTR2 Antibody (Center); Actin-related protein 2; Actin-like protein 2; ARP2; anti-ACTR2 antibody

PRODUCT SPECIFICATIONS

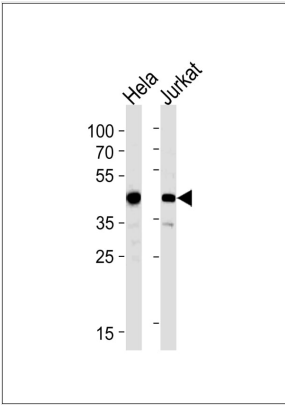
Host	Rabbit
Reactivity	Human (Predicted Reactivity: Xenopus, Bovine, Chicken, Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ACTR2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 191-219 amino acids from the Central region of human ACTR2.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	191-219
Sequence Length	399
Applicable Applications for anti-ACTR2 antibody	WB (Western Blot), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
ACTR2 Antibody (Center) flow cytometric analysis of A375 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human skeletal muscle reacted with ACTR2 Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
ACTR2 Antibody (Center) western blot analysis in HeLa,Jurkat cell line lysates (35ug/lane).This demonstrates the ACTR2 antibody detected the ACTR2 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-ACTR2 antibody	ACTR2 is known to be a major constituent of the ARP2/3 complex. This complex is located at the cell surface and is essential to cell shape and motility through lamellipodial actin assembly and protrusion.
Product Categories/Family for anti-ACTR2 antibody	Crown Antibodies; Cancer; Signal Transduction
References	Gonzalez,V., Cell Host Microbe 5 (3), 259-272 (2009) Weisswange,I., Nature 458 (7234), 87-91 (2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	53692187
NCBI GeneID	10097
NCBI Accession #	NP_001005386.1; NP_005713.1
NCBI GenBank Nucleotide #	NM_001005386.2
UniProt Accession #	P61160; O15142; Q96C82; B2RCP5; D6W5F4; E9PF41
Molecular Weight	44761

NCBI Official Full Name	actin-related protein 2 isoform a
NCBI Official Synonym Full Names	ARP2 actin-related protein 2 homolog (yeast)
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://www.aaabiotech.com/polyclonal/actr2-antibody-western-blot-flow-cytometry-immunohistochemistry-elisa/290263>