

Rabbit anti-Human ACTR2/ARP2 Polyclonal Antibody | anti-ACTR2/ARP2 antibody

Rabbit anti-ACTR2/ARP2 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213155	Rabbit	Human	Immunohistochemistry, Immunoprecipitation

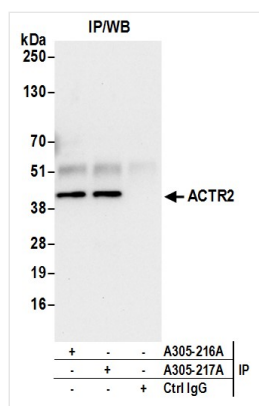
PRODUCT SYNONYMS

ACTR2/ARP2; Polyclonal Antibody; Rabbit anti-ACTR2/ARP2 Antibody; Affinity Purified; actin-like protein 2; actin-related protein 2; ARP2; Actin-related protein 2; ARP2 actin related protein 2 homolog; anti-ACTR2/ARP2 antibody

PRODUCT SPECIFICATIONS

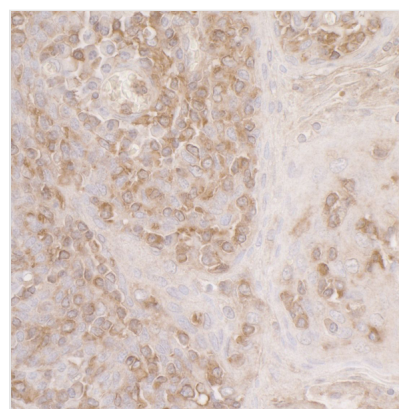
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-ACTR2/ARP2 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation)
Predicted Reactivity	Mouse, Rat, Chicken, Bovine, Orangutan
Immunogen	Between 250 and 300
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



IP (Immunoprecipitation)

Detection of human ACTR2 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-ACTR2 antibody AAA213155 (lot AAA213155-1) used for IP at 6 ug per reaction. ACTR2 was also immunoprecipitated by rabbit anti-ACTR2 antibody AAA213155. For blotting immunoprecipitated ACTR2, AAA213155 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



IHC (Immunohistochemistry)

Detection of human ACTR2 by immunohistochemistry. Sample: FFPE section of human skin squamous cell carcinoma. Antibody: Affinity purified rabbit anti-ACTR2 (Cat. No. AAA213155 Lot1) used at a dilution of 1:5,000 (0.2ug/ml). Detection: DAB. Counterstain: IHC Hematoxylin (blue).

ADDITIONAL INFORMATION

Related Product Information for anti- ACTR2/ARP2 antibody	ARP2 actin related protein 2 homolog (ACTR2) functions as an ATP-binding component of the Arp2/3 complex which is involved in regulation of actin polymerization. Together with an activating nucleation-promoting factor (NPF), it mediates the formation of branched actin networks. ACTR2 seems to contact the pointed end of the daughter actin filament [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/P61160].
Product Categories/Family for anti- ACTR2/ARP2 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	5031571
NCBI GeneID	10097
NCBI Accession #	NP_005713.1
NCBI GenBank Nucleotide #	NM_005722.3
UniProt Accession #	P61160; O15142; Q96C82; B2RCP5; D6W5F4; E9PF41
Molecular Weight	45,377 Da
NCBI Official Full Name	actin-related protein 2 isoform b
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; actin-like 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/actr2-arp2-antibody-immunohistochemistry-immunoprecipitation-elisa/213155>