

Rabbit beta-actin Polyclonal Antibody | anti-beta-actin antibody

beta-actin Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA36649	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

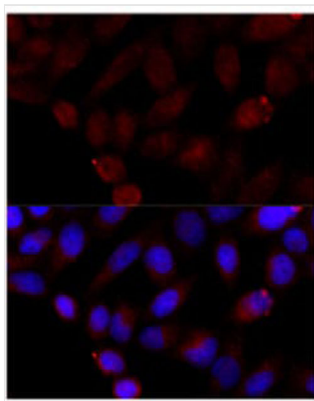
PRODUCT SYNONYMS

beta-actin; Polyclonal Antibody; beta-actin Polyclonal Antibody; BRWS1;PS1TP5BP1; anti-beta-actin antibody

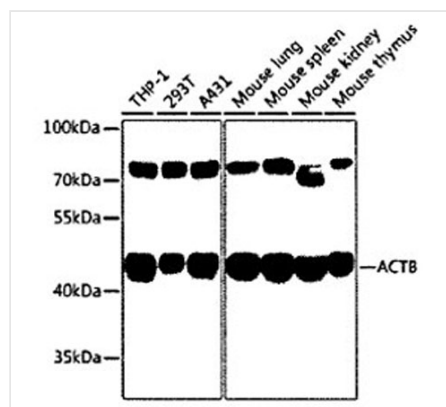
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.05% proclin300,50% glycerol,pH7.3.
Applicable Applications for anti-beta-actin antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-375 of human ACTB (NP_001092.1).
Preparation and Storage	Store at -20°C. Avoid freeze / thaw cycles.

IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells using ACTB antibody (AAA36649) at dilution of 1:100 (40x lens)Blue: DAPI for nuclear staining.


WB (Western Blot)

Western Blot analysis of extracts of various cells line, using B-actin antibody AAA36649 at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:1000 dilution.Lysates/proteins: 25 ug/per lane.Blocking buffer: 3% non fat dry milk in TBST.Detection: ECL Basic Kit Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-beta-actin antibody

This gene encodes one of six different actin proteins. Actins are highly conserved proteins that are involved in cell motility, structure, and integrity. This actin is a major constituent of the contractile apparatus and one of the two nonmuscle cytoskeletal actins.

NCBI AND UNIPROT INFORMATION

NCBI GI #	121940727
NCBI GeneID	60
UniProt Accession #	Q1KLZ0; P60709
Molecular Weight	Calculated MW 41kDa Observed MW 42kDa
NCBI Official Full Name	PS1TP5-binding protein 1
NCBI Official Synonym Full Names	actin, beta
NCBI Official Symbol	ACTB
NCBI Official Synonym Symbols	BRWS1; PS1TP5BP1
NCBI Protein Information	actin, cytoplasmic 1; beta cytoskeletal actin; PS1TP5-binding protein 1
UniProt Protein Name	HCG15971, isoform CRA_a
UniProt Gene Name	PS1TP5BP1
UniProt Entry Name	Q1KLZ0_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/beta-actin-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/36649>