

Goat ACTB/Beta Actin Polyclonal Antibody | anti-ACTB antibody

ACTB/Beta Actin Goat anti-Human Polyclonal (N-Terminus) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA162865	Goat	Mouse, Dog, Rat, Human, Monkey	Western Blot, Immunohistochemistry, Immunohistochemistry, Immunofluorescence

PRODUCT SYNONYMS

ACTB/Beta Actin; Polyclonal Antibody; ACTB/Beta Actin Goat anti-Human Polyclonal (N-Terminus) Antibody; IHC-plus ACTB/Beta Actin Antibody (N-Terminus); ACTB; Actin; cytoplasmic 1; Beta-actin; Beta actin; BRWS1; beta; Beta cytoskeletal actin; PS1TP5-binding protein 1; PS1TP5BP1; anti-ACTB antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Mouse, Dog, Rat, Human, Monkey
Clonality	Polyclonal
Isotype	IgG
Specificity	Detects a band of approximately 42 kDa by Western blot in the following human (293A, primary fibroblasts, HaCat, HeLa, HMEC-1, Jurkat, MNT1, U-118, rat (TR-iBRB), mouse (3T3, AtT-20, Hepa, Raw264.7), monkey (COS-7) and canine (D17) whole cell lysates.
Purity/Purification	Immunoaffinity purified
Form/Format	PBS, 0.05% Sodium Azide, 20% Glycerol
Concentration	3mg/ml (varies by lot)
Applicable Applications for anti-ACTB antibody	WB (Western Blot), IHC (Immunohistochemistry), IHC (Immunohistochemistry), IF (Immunofluorescence)
Target	Human ACTB/Beta Actin
Immunogen	Purified recombinant peptide derived from within residues 100 aa of the N-Terminus of human beta-Actin produced in E Coli.
Conjugation	Unconjugated
Epitope	N-Terminus
Preparation and Storage	Short term: store at 4 degree C. Long term: store at -20 degree C. Avoid freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

ACTB/Beta Actin Antibody-Human Prostate: Formalin-Fixed, Paraffin-Embedded (FFPE), at a concentration of 5 ug/ml.



WB (Western Blot)

ACTB/Beta Actin Antibody-Anti-beta actin antibody at 1:500 dilution. Lysates at 100 ug per lane. Rabbit polyclonal to goat IgG (HRP) at 1:10000 dilution.

**WB (Western Blot)**

ACTB/Beta Actin Antibody-Anti-beta-Actin Ab at 1:500 dilution; lysates at 100 ug per lane;
Rabbit polyclonal to goat IgG (HRP) at 1:10,000 dilution;

**ICC (Immunocytochemistry)**

ACTB/Beta Actin Antibody-Immunofluorescence-anti-beta-Actin Ab at 1:100 dilution in
NHI/3T3 cells; cells were fixed with methanol and permeabilized with 0.1% saponin;

**ICC (Immunocytochemistry)**

ACTB/Beta Actin Antibody-Immunofluorescence-anti-beta-Actin Ab at 1:100 dilution in
NHI/3T3 cells; cells were fixed with methanol and permeabilized with 0.1% saponin;

ADDITIONAL INFORMATION**Related Product Information for anti-ACTB antibody**

Beta Actin antibody is an unconjugated goat polyclonal antibody to Beta Actin (ACTB)(N-Terminus) from human. It is reactive with human, mouse, rat and other species. Validated for IF, IHC and WB. Tested on 20 paraffin-embedded human tissues.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4501885
NCBI GeneID	60
NCBI Accession #	NP_001092.1
NCBI GenBank Nucleotide #	NM_001101
UniProt Accession #	P60709 ; P02570 ; P70514 ; P99021 ; Q11211 ; Q64316 ; Q75MN2 ; Q96B34 ; Q96HG5
Molecular Weight	375
NCBI Official Full Name	actin, cytoplasmic 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	Actin, cytoplasmic 1
UniProt Gene Name	ACTB
UniProt Entry Name	ACTB_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/actb-beta-actin-antibody-western-blot-immunohistochemistry-immunohistochemistry-immunofluorescence-elisa/162865>