

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

Anti-beta-Actin

CATALOG # AAA13875	REACTIVITY Human, Rat, Mouse, Monkey, and Canine proteins	APPLICATIONS Western Blot, Immunofluorescence, Immunohistochemistry, Immunohistochemistry
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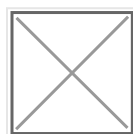
PRODUCT SYNONYMS

beta-Actin; Polyclonal Antibody; Anti-beta-Actin; ACTB; beta-actin; BRWS1; PS1TP5BP1 antibody; anti-beta-actin antibody

PRODUCT SPECIFICATIONS

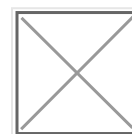
Reactivity	Human, Rat, Mouse, Monkey, and Canine proteins
Clonality	Polyclonal
Specificity	Detects a band of approximately 42 kDa by Western blot in the following human (293A, primary fibroblasts, HaCat, HeLa, HMEC-1, Jurkat, MNT1, U-118, rat (TR-IBRB), mouse (3T3, AtT-20, Hepa, Raw264.7), monkey (COS-7) and canine (D17) whole cell lysates.
Form/Format	Polyclonal antibody supplied as a 200 ul (3 mg/ml) aliquot in PBS, 20% glycerol and 0.05% sodium azide. This antibody is epitope-affinity purified from goat antiserum.
Sequence Length	124
Applicable Applications for anti-beta-actin antibody	WB (Western Blot), IF (Immunofluorescence), IHC (Immunohistochemistry), IHC (Immunohistochemistry)
Application Notes	Western Blot (WB): 1:250-1:2,000 Immunofluorescence (IF): 1:50-1:250 Immunohistochemistry Frozen (IHC-F): 1:250 1:1000 Immunohistochemistry Paraffin (IHC-P): 1:250 1:1000
Source	Goat
Immunogen	Recombinant peptide derived from within residues 100 aa to the N-terminus of human beta-Actin produced in E.coli.
Note	The antibody solution should be gently mixed before use
Preparation and Storage	Store at 2-8°C for one-two days. For extended storage, Store at -20°C Working dilution samples should be discarded if not used within 12 hours

IMAGES



IHC (Immunohistochemistry)

IHC of human mouse heart using anti-b-Actin antibody and FFPE tissue after heat-induced antigen retrieval. Anti-b-Actin Ab at 1:500/DAB detection.



IHC (Immunohistochemistry)

IHC of human appendix using anti-b-Actin antibody and FFPE tissue after heat-induced antigen retrieval. Anti-b-Actin Ab at 1:500/DAB detection.

**IHC (Immunohistochemistry)**

IHC of human lymph node using anti-b-Actin antibody and FFPE tissue after heat-induced antigen retrieval. Anti-b-Actin Ab at 1:500/DAB detection

**IF (Immunofluorescence)**

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

**IHC (Immunohistochemistry)**

IHC of mouse liver using anti-b-Actin antibody and FFPE tissue after heat-induced antigen retrieval. Anti-b-Actin Ab at 1:500/DAB detection.

**IF (Immunofluorescence)**

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-beta-actin antibody

Actin proteins are highly conserved and ubiquitously expressed in all eukaryotic cells. These proteins are the major components of the cytoskeleton and involved in various types of cell motility.

NCBI AND UNIPROT INFORMATION

NCBI GI #	409905539
NCBI Official Full Name	beta-actin, partial
UniProt Protein Name	Beta-actin
UniProt Gene Name	beta-actin
UniProt Entry Name	K4NQ23_9EURO

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-western-blot-immunofluorescence-immunohistochemistry-immunohistochemistry-elisa/13875>