

Rabbit beta Actin Monoclonal Antibody | anti-ACTB antibody

beta Actin (HRP conjugated) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312426	Rabbit	Human, Mouse, Rat, Monkey, Hamster, Plant, Zebrafish	Western Blot

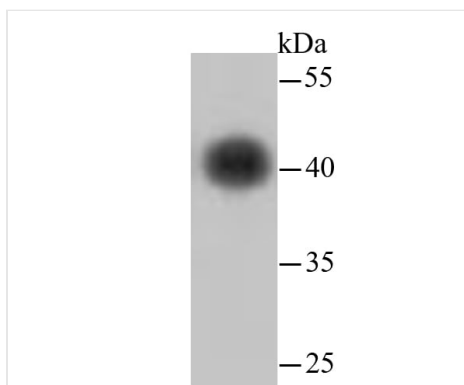
PRODUCT SYNONYMS

beta Actin; Monoclonal Antibody; beta Actin (HRP conjugated) Antibody; A26C1A antibody; A26C1B antibody; ACTB antibody; ACTB_HUMAN antibody; Actin beta antibody; Actin cytoplasmic 1 antibody; Actin; cytoplasmic 1; N-terminally processed antibody; Actx antibody; b actin antibody; Beta cytoskeletal actin antibody; Beta-actin antibody; BRWS1 antibody; E430023M04Rik antibody; MGC128179 antibody; PS1TP5 binding protein 1 antibody; PS1TP5BP1 antibody; anti-ACTB antibody

PRODUCT SPECIFICATIONS

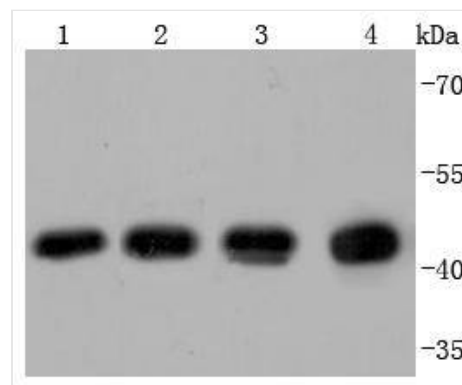
Host	Rabbit
Reactivity	Human, Mouse, Rat, Monkey, Hamster, Plant, Zebrafish
Clonality	Monoclonal
Clone Number	JF53-10
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-ACTB antibody	WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	HRP conjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



WB (Western Blot)

Western blot analysis of beta Actin on hybrid fish (crucian-carp) brain tissue lysate using anti-beta Actin antibody at 1/500 dilution.



WB (Western Blot)

Western blot analysis of beta Actin on different lysates using anti-beta Actin antibody at 1/1,000 dilution. Positive control: Lane 1: Hela Lane 2: PC-12 Lane 3: NIH/3T3 Lane 4: zebrafish

ADDITIONAL INFORMATION

Related Product Information for anti-ACTB antibody	All eukaryotic cells express Actin, which often constitutes as much as 50% of total cellular protein. Actin filaments can form both stable and labile structures and are crucial components of microvilli and the contractile apparatus of muscle cells. While lower eukaryotes, such as yeast, have only one Actin gene, higher eukaryotes have several isoforms encoded by a family of genes. At least six types of Actin are present in mammalian tissues and fall into three classes. alpha-Actin expression is limited to various types of muscle, whereas beta-Actin and gamma-Actin are the principle constituents of filaments in other tissues. Members of the small GTPase family regulate the organization of the Actin cytoskeleton. Rho controls the assembly of Actin stress fibers and focal adhesion. Rac regulates Actin filament accumulation at the plasma membrane. Cdc42 stimulates formation of filopodia.
Product Categories/Family for anti-ACTB antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4501885
NCBI GeneID	60
NCBI Accession #	NP_001092.1
NCBI GenBank Nucleotide #	NM_001101.3
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/monoclonal/beta-actin-antibody-clone-jf53-10-western-blot-elisa/312426>