

beta actin Recombinant Antibody | ACTB recombinant antibody

Recombinant beta actin Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA22337	Rabbit	Human, Mouse, Rat	Western Blot, Immunohistochemistry, Immunofluorescence

PRODUCT SYNONYMS

beta actin; Monoclonal Recombinant Antibody; Recombinant beta actin Monoclonal Antibody; ACTB; Actin beta; Actx; Actin cytoplasmic 1; b actin; A26C1A; ACTB recombinant antibody

PRODUCT SPECIFICATIONS

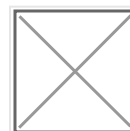
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG
Clone Number	SA30-01
Purity/Purification	Protein A/G Purification
Form/Format	PBS with 0.05% sodium azide, 0.1% protective protein and 40% glycerol, pH 7.4
Concentration	1mg/mL (varies by lot)
Applicable Applications for ACTB recombinant antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Application Notes	WB: 1:5000-1:2000 IHC: 1:500-1:1000 IF: 1:500-1:1000
Immunogen	Synthetic peptide within N-terminal residues of beta-Actin
Preparation and Storage	Store at -20 degree C Valid for 12 months. Avoid freeze/thaw cycles. Protected from prolonged exposure to light.

IMAGES



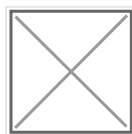
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse ovary using Recombinant beta actin Monoclonal Antibody at dilution of 1:1000.



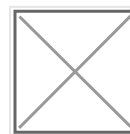
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat ovary using Recombinant beta actin Monoclonal Antibody at dilution of 1:1000.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human lung cancer using Recombinant beta actin Monoclonal Antibody at dilution of 1:1000.



IF (Immunofluorescence)

Immunofluorescence analysis of NIH/3T3 cells using Recombinant beta actin Monoclonal Antibody at dilution of 1:1000



IF (Immunofluorescence)

Immunofluorescence analysis of U-2 OS cells using Recombinant beta actin Monoclonal Antibody at dilution of 1:1000



WB (Western Blot)

Western blot with Recombinant beta actin Monoclonal Antibody at dilution of 1: 20000. lane 1: C6 cell lysate, lane 2: PC-12 cell lysate, lane 3: rat spleen tissue lysate, lane 4: rat kidney tissue lysate, lane 5: rat lung tissue lysate, lane 6: rat pancreas tissue lysate, lane 7: rat brain tissue lysate, lane 8: rat stomach tissue lysate, lane 9: rat testis tissue lysate, lane 10: rat thymus tissue lysate, lane 11: rat breast tissue lysate

ADDITIONAL INFORMATION

Related Product Information for ACTB recombinant antibody	Beta-actin (ACTB/ACTB) is one of six different actin isoforms in humans. Actins are highly conserved proteins that are involved in cell motility, structure and integrity. Beta actin is a major constituent of the contractile apparatus and one of the two nonmuscle cytoskeletal actins. Beta-actin gene is stably and constitutively expressed at high levels in most tissues and cells, and commonly used as a loading control for western blot and as a control for qPCR.
Product Categories/Family for ACTB recombinant antibody	Polyclonal Antibodies ; Primary Antibodies ; Tags/Controls Antibodies ; Recombinant Antibodies ; Signal Transduction ; Tags and Cell Markers ; Isotype/Loading ; Controls ; Neuroscience ; Biochemicals ; Cancer ; Cardiovascular ; Cell Biology ; Immunology ; Metabolism ; E

NCBI AND UNIPROT INFORMATION

NCBI GI #	4501885
NCBI GeneID	60
NCBI Accession #	NP_001092.1
NCBI GenBank Nucleotide #	NM_001101.3
UniProt Accession #	P60709; P60710; P60711
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-recombinant-antibody-clone-sa30-01-western-blot-immunohistochemistry-immunofluorescence-elisa/22337>