

Chicken Beta-actin Polyclonal Antibody | anti-ACTB antibody

Beta-actin Antibody

CATALOG # AAA40126	HOST Chicken	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot, ELISA
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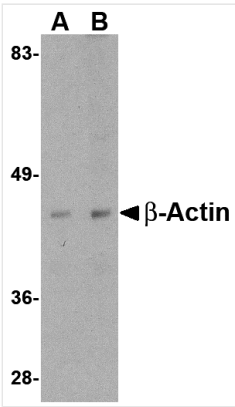
PRODUCT SYNONYMS

Beta-actin; Polyclonal Antibody; Beta-actin Antibody; BRWS1; PS1TP5BP1; Actin; cytoplasmic 1; actin; beta; anti-ACTB antibody

PRODUCT SPECIFICATIONS

Host	Chicken
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgY
Purity/Purification	Beta-actin Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	375
Applicable Applications for anti-ACTB antibody	WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	Beta-actin antibody was raised against a 16 amino acid synthetic peptide from near the carboxy terminus of human beta-actin.
Buffer	Beta-actin Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	Beta-actin antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



WB (Western Blot)
Western blot analysis of actin in HeLa cell lysate with beta-actin antibody at (A) 1 and (B) 2 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-ACTB antibody	Beta-actin Antibody: Actins are highly conserved proteins that are involved in cell motility, structure and integrity, processes that are crucial for tissue development and the development of organism. The actin cytoskeleton is one of the principal drivers of cell motility and is capable of responding to complex signaling cascades. Recent evidence suggests that it may play key roles in regulating apoptosis and aging. Beta actin is one of six different actin isoforms which have been identified. Like GAPDH, beta-actin is constitutively expressed at high levels in almost all tissues and cell lines making it ideal for use as a loading control marker in immunoblots.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	12803203
NCBI GeneID	60
UniProt Accession #	P60709; P02570; P70514; P99021; Q11211; Q64316; Q75MN2; Q96B34; Q96HG5
Molecular Weight	41,737 Da
NCBI Official Full Name	Actin, beta
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.