

Rabbit Beta-actin Polyclonal Antibody | anti-ACTB antibody

Beta-actin Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA303389	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

Beta-actin; Polyclonal Antibody; Beta-actin Antibody; Beta actin; b actin; anti-ACTB antibody

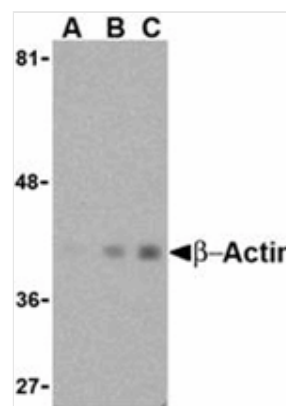
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Affinity chromatography purified via peptide column
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	375
Applicable Applications for anti-ACTB antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against a 16 amino acid peptide from near the amino-terminus of human b-actin.
Target Name	Beta-actin
Preparation and Storage	Can be stored at -20 degree C, stable for 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


ICC (Immunocytochemistry)

Immunocytochemistry of Actin in HeLa cells with Actin antibody at 1 ug/mL.


WB (Western Blot)

Western blot analysis of beta-actin in HeLa cell lysate with beta-actin antibody at (A) 0.5, (B) 1 and (C) 2 ug/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-ACTB 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.
Product Categories/Family for anti-ACTB antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	12803203
NCBI GeneID	60
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
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.