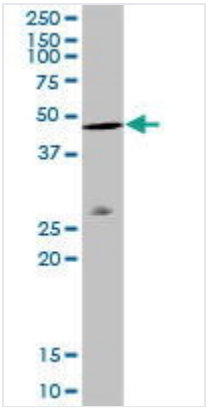
ACTB Antibody – Rabbit Polyclonal

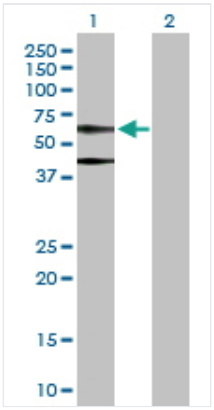
PRODUCT OVERVIEW

Product Name	ACTB, Polyclonal Antibody
Full Product Name	ACTB (Actin, Cytoplasmic 1, Beta-actin) (Biotin)
Product Gene Name	anti-ACTB antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.4. No preservative added. Labeled with Biotin.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human ACTB. Species Crossreactivity: mouse
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and stor
Molecular Weight	375
Chromosome Location	Chromosome: 7; NC_000007.13 (5566779..5570232, complement). Location: 7p22
OMIM	102630
3D Structure	ModBase 3D Structure for P60709
Immunogen	Full length protein corresponding to aa1-375 from human ACTB (NM_001101.2; NP_001092.1).
Immunogen Sequence	MDDDIAALVVDNGSGMCKAGFAGDDAPRAVFPSIVGRPRHQGVMVGMGQKDSYVGDEAQSKRGILTLKYPIEHGIVTNWDDMEKIWHHTFYNELRVAP
Conjugate	Biotin
Note	Preservative Free
Product Categories/Family for anti-ACTB antibody	Antibodies; Actin
Applications Tested/Suitable for anti-ACTB antibody	Western Blot (WB)
Application Notes for anti-ACTB antibody	Applications are based on unconjugated antibody.

Related Product Information for anti-ACTB antibody	Actins are highly conserved proteins that are involved in cell motility, structure and integrity and are ubiquitously expressed in all eukaryotic cells. Six di
Other Notes	Small volumes of anti-ACTB antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necess
Searchable Terms for ACTB purchase	MBS6368661 is an antibody targeting ACTB. Also known as ACTB (Actin, Cytoplasmic 1, Beta-actin) (Biotin). Reactive in Human, Mouse. Host: Rabbit



Western Blot (WB) of anti-ACTB antibody
Western Blot analysis of ACTB expression in mouse intestine using 122915.



Western Blot (WB) of anti-ACTB antibody
Western Blot analysis of ACTB expression in transfected 293T cell line using 122915 Lane 1: ACTB transfected lysate (41.7kD). Lane 2: Non-transfected lysate.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ACTB. It may not necessarily be applicable to this product.

NCBI GI #	4501885
NCBI GeneID	60
NCBI Accession #	NP_001092.1
UniProt Primary Accession #	P60709
UniProt Secondary Accession #	P02570; P70514; P99021; Q11211; Q64316; Q75MN2; Q96B34; Q96HG5
UniProt Related Accession #	P60709
GenBank Nucleotide #	NM_001101.2
NCBI Official Full Name	actin, cytoplasmic 1
NCBI Official Synonym Full Names	actin, beta
NCBI Official Symbol	ACTB
NCBI Official Synonym Symbols	BRWS1; PS1TP5BP1
UniProt Protein Name	Actin, cytoplasmic 1
UniProt Synonym Protein Names	Beta-actin
Protein Family	Actin
UniProt Gene Name	ACTB
UniProt Entry Name	ACTB_HUMAN
NCBI Protein Information	actin, cytoplasmic 1; beta cytoskeletal actin; PS1TP5-binding protein 1

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