

Anti-Beta-Actin Polyclonal Antibody 2

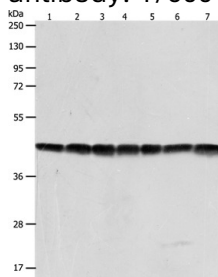
Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse
Conjugation:	Unconjugated
Molecular Weight:	Actual: 42 kDa.
Purification:	Antigen affinity purification.

Applications

Verified Activity:

1. Gel: 10%SDS-PAGE, Lysates (from left to right): Hela, Jurkat and NIH/3T3 cell, human fetal liver and mouse brain tissue, A431 and 293T cell, Amount of lysate: 40ug per lane, Primary antibody: 1/600 dilution, Secondary antibody dilution: 1/8000, Exposure time: 7 seconds.



Application:	WB
Recommended	WB: 1:1000-5000

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	A synthesized peptide: corresponding to residues near the N terminal of human Actin, beta
Antigen Species:	human
Uniprot ID:	P60709
Synonyms:	β -Actin Protein;ACTB; β -actin;Actin Cytoplasmic 1;Beta-Actin

Research Background

This gene encodes one of six different actin proteins. Actins are highly conserved proteins that are involved in cell motility, structure, and integrity. This actin is a major constituent of the contractile apparatus and one of the two nonmuscle cytoskeletal actins. Polymerization of globular actin (G-actin) leads to a structural filament (F-actin) in the form of a two-stranded helix. Each actin can bind to 4 others. Identified in a mRNP granule complex, at least composed of ACTB, ACTN4, DHX9, ERG, HNRNPA1, HNRNPA2B1, HNRNPAB, HNRNPD, HNRNPL, HNRNPR, HNRNPU, HSPA1, HSPA8, IGF2BP1, ILF2, ILF3, NCBP1, NCL, PABPC1, PABPC4, PABPN1, RPLP0, RPS3, RPS3A, RPS4X, RPS8, RPS9, SYNCRIP, TROVE2, YBX1 and untranslated mRNAs.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481