

β -Actin Polyclonal Antibody

CATALOG NO:	3850-30T	30 μ g (Trial size)
	3850-100	100 μ g
HOST:	Rabbit	
SPECIES REACTIVITY:	Human, Mouse, Rat	
IMMUNOGEN:	Synthetic peptide corresponding to residues surrounding amino acid 243 of rat β -actin (Internal ID# BV-A6)	

FORMULATION:

0.5 mg/ml affinity purified rabbit polyclonal antibody in phosphate-buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA and 0.01% thimerosal.

STORAGE CONDITIONS:

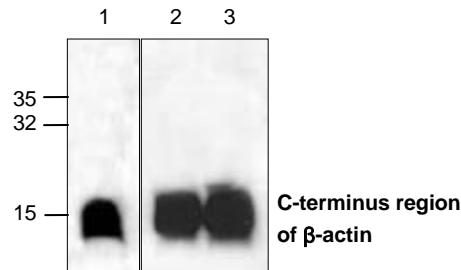
Store at -20°C . For long term storage, aliquot and freeze at -70°C . Avoid repeated freeze/thaw cycles.

DESCRIPTION:

Actin is expressed in all eukaryotic cells and is the major component of the cytoskeleton. At least six types of actin are present in mammalian tissues and fall into three classes. Alpha actin expression is limited to various types of muscle and it regulates contractile potentials for the muscle cells, whereas beta and gamma actin, also known as cytoplasmic actin, are predominantly expressed in nonmuscle cells, controlling cell structure and motility.

APPLICATION:

The antibody can be used for Western blotting (0.5-2 μ g/ml). However, the optimal concentrations should be determined individually. Blocking peptide (Cat.# 3850BP-50) is available separately. (Note#- this antibody detect the 15kDa and ~42 kDa bands.)



Cat. #: 3850-100

Western blot analysis of β -actin in Jurkat cell lysate (Lane 1) and in rat tissue lysate (Lane 3 & 4)

FOR RESEARCH USE ONLY! Not to be used on humans.

RELATED PRODUCTS:

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- Caspase Assay Kits & Reagents
- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set
- Apoptosis siRNA Vectors

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- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
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- Mammalian Cell Extraction Kit
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Growth Factors and Cytokines

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