



Actin β rabbit pAb

Cat No.:ES1592

For research use only

Overview

Product Name	Actin β rabbit pAb
Host species	Rabbit
Applications	IF;WB;IHC;ELISA
Species	Human;Mouse;Rat;Chicken;Globefish ;Bovine;Hamster;Pig;Ovine;Ca
Cross-Reactivity	t;Pig;Dog
Recommended dilutions	IF: 1:50-200 Western Blot: 1/2000 - 1/10000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications.
Immunogen	Synthesized peptide derived from the N-terminal region of human Actin β . AA range: 1-80
Specificity	Actin β Polyclonal Antibody detects endogenous levels of Actin β protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C . Avoid repeated freeze-thaw cycles.
Protein Name	Actin cytoplasmic 1
Gene Name	ACTB
Cellular localization	Cytoplasm, cytoskeleton . Nucleus . Localized in cytoplasmic mRNP granules containing untranslated mRNAs. .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	42kD
Human Gene ID	60
Human Swiss-Prot Number	P60709
Alternative	ACTB; Actin; cytoplasmic 1; Beta-actin; Actin β ; β -Actin; Beta actin





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Names

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. [provided by RefSeq, Jul 2008],



+86-27-59760950

ELKbio@ELKbiotech.com

www.elkbiotech.com

23-2, No.388 Gaoxin 2nd Road,Wuhan East Lake Hi-tech Development Zone, Hubei , P.R.C