

Actin β rabbit pAb

Cat No.:ES1592

For research use only

Overview

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|--------------------------------|---|
| 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 |





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],

