Cytoskeletal Actin Antibody

Rabbit Polyclonal

Antigen Affinity Purified		RefSeq ID	NP_001605.1
Catalog No.	A300-485A	Uniprot ID	P63261
Lot No.	4	GeneID	71

APPLICATIONS	WB, IHC
SPECIES REACTIVITY	Human, Mouse
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with X. laevis
AMOUNT	100 µl
CONCENTRATION	1000 µg/ml
STORAGE/SHELF LIFE	2 - 8°C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
ISOTYPE	IgG
ORIGIN	USA
PRODUCTION PROCEDURES	Antibody was affinity purified using an epitope specific to Cytoskeletal Actin immobilized on solid support. The epitope recognized by A300-485A maps to the N-terminus of human Gamma-actin using the numbering given in Swiss-Prot entry P63261 (GeneID 71). The N-terminus of Gamma-Actin is highly conserved with Beta-Actin and preliminary indications are that A300-485A also recognizes Beta-Actin (GeneID 60). Immunoglobulin concentration was determined using Beer's Law where 1mg/mL IgG has an A280 of 1.4.
APPLICATIONS	Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.

Western Blot	1:2000 - 1:10,000
Immunohistochemistry	1:2000 - 1:10,000. Epitope retrieval may not be necessary. In some instances epitope retrieval with citrate buffer pH 6.0 may enhance staining for FFPE tissue sections.

ADDITIONAL INFO	Please visit our website for additional product information.

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.

Michael Spencer, PhD — Date: February 12, 2024

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