beta Actin Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Catalog No.	A300-491A-T	RefSeq ID	NP_001092.1
Lot No.	18	Uniprot ID	P60709
		GeneID	60

APPLICATIONS	WB, IHC
SPECIES REACTIVITY	Human, Mouse
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Rat, X. tropicalis, Chicken, Sheep, Bovine, Dog, Horse, Rabbit, Pig, Golden hamster, Orangutan and Chimpanzee
AMOUNT	10 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 beta Actin immobilized on solid support. The epitope recognized by A300-491A-T maps to the N-terminus of human beta Actin using the numbering given in Swiss-Prot entry P60709 (GeneID 60). The N-terminus of beta Actin is highly conserved with gamma Actin and preliminary indications are that A300-491A-T also recognizes gamma Actin (GeneID 71).
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	1:10,000 - 1:25,000
Immunohistochemistry	1:1000 to 1:5000. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections.

IHC HUMAN CONTROLS	Breast Carcinoma, Colon Carcinoma, Ovarian Carcinoma, Prostate Carcinoma
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: January 16, 2024

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