Cytoskeletal Actin Antibody

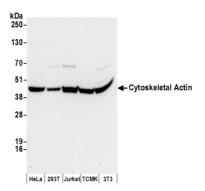
Rabbit PolyclonalAntigen Affinity PurifiedProtein IDP60709Catalog No.A300-491A-TGene ID60



APPLICATIONS	WB, IHC-P, IF	
REACTIVITY TESTED	Human, Mouse	
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Rat, X. tropicalis, Chicken, Turkey, Sheep, Bovine, Dog, Horse, Rabbit, Guinea pig_10141, Pig, Panda, Orangutan, Rhesus Monkey, Gorilla, Chimpanzee, Medaka fish, Australian taipan, Emu, Duckbill platypus and King baboon spider.	
ISOTYPE	IgG	
AMOUNT	20 μl (2 blots)	
STORAGE/SHELF LIFE	2 - 8° C / 1 year from date of receipt	
PHYSICAL STATE	Liquid	
BUFFER	Tris-buffered Saline with 0.1% BSA containing 0.09% Sodium Azide	
ORIGIN	USA	
PRODUCTION PROCEDURES	Antibody was affinity purified using an epitope specific to Cytoskeletal 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	1:1000
	Immunoprecipitation	Not recommended.
	Immunohistochemistry	1:25 to 1:100. Epitope retrieval may not be necessary. In some instances epitope retrieval with citrate buffer pH6.0 may enhance staining for FFPE tissue sections.
	Immunofluorescence	1:10 to 1:50
ADDITIONAL INFO	http://www.bethyl.com/product/A300-491A-T	

Use the link above to view SDS, a current list of citations, and other product specific information.

For in vitro laboratory use only. Not for any clinical, therapeutic or diagnostic use in humans or animals. Not for human or animal consumption. This product may not be resold or modified for resale without the prior written approval of Bethyl Laboratories, Inc. The information provided in this data sheet is believed to be correct but does not purport to be all-inclusive and is intended to be used as a guide. Bethyl Laboratories, Inc. shall not be liable or responsible in any way for use of either this information or the material supplied. Disposal of hazardous material may be subject to federal, state or local laws or regulations.



Detection of Human and Mouse Cytoskeletal Actin by Western Blot. Samples: Whole cell lysate (50 µg) from HeLa, 293T, Jurkat, mouse TCMK-1, and mouse NIH3T3 cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-Cytoskeletal Actin antibody A300-491A-T (lot A300-491A-T-8) used for WB at 1:1000. Detection: Chemiluminescence with an exposure time of 30 seconds.

For in vitro laboratory use only. Not for any clinical, therapeutic or diagnostic use in humans or animals. Not for human or animal consumption. This product may not be resold or modified for resale without the prior written approval of Bethyl Laboratories, Inc. The information provided in this data sheet is believed to be correct but does not purport to be all-inclusive and is intended to be used as a guide. Bethyl Laboratories, Inc. Shall not be liable or responsible in any way for use of either this information or the material supplied. Disposal of hazardous material may be subject to federal, state or local laws or regulations.