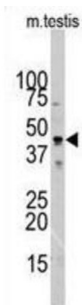
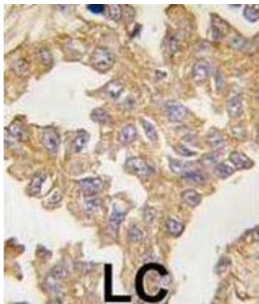


Actin Antibody

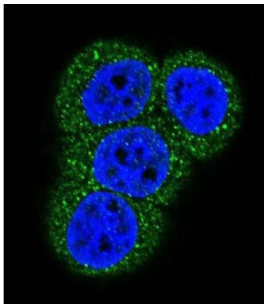
Catalogue No.: abx028416



WB analysis of mouse testis tissue lysates, using Actin antibody (35 µg/lane). Actin detection shown by the arrow.



IHC-P analysis of Human lung carcinoma tissue, with DAB staining using Actin antibody.



IF analysis of HeLa cell lysate, using Actin antibody and Goat anti-Rabbit IgG secondary antibody (AF488). DAPI was used as a nuclear stain.

Actins are highly conserved proteins that are involved in cell motility, structure, and integrity. ACTB/ACTC are nonmuscle cytoskeletal actins and major constituents of the contractile apparatus. Defects in ACTB are a cause of juvenile-onset dystonia. Defects in ACTC have been associated with idiopathic dilated cardiomyopathy (IDC) and familial hypertrophic cardiomyopathy (FHC).

Target:	Actin
Clonality:	Polyclonal
Reactivity:	Human, Mouse
Tested Applications:	ELISA, WB, IHC, IF/ICC
Host:	Rabbit

Recommended dilutions: WB: 1/1000, IHC-P: 1/10 - 1/50, IF/ICC: 1/10 - 1/50. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.

Datasheet

Version: 4.0.0
Revision date: 30 Aug 2025



Conjugation:	Unconjugated
Immunogen:	KLH-conjugated synthetic peptide between 38-67 amino acids from the N-terminal region of Human Actin (ACTB/ACTC).
Isotype:	IgG
Form:	Liquid
Purification:	Purified by saturated ammonium sulfate (SAS) precipitation followed by dialysis against PBS.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P68032 (UniProt , ExPASy)
NCBI Accession:	NP_005150.1
KEGG:	hsa:70
String:	9606.ENSP00000290378
Molecular Weight:	Calculated MW: 42 kDa
Buffer:	PBS containing 0.09% sodium azide.
Specificity:	Predicted to react with Rat, Cow, Pig, Hamster, Sheep, Monkey, Yeast, Zebrafish, Drosophila, Xenopus and C. elegans ACTC1.
Concentration:	2 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.