

#T40001

Actin Antibody



Orders ■ 400-6123-828
orders@ab-mart.com

Web ■ www.ab-mart.com.cn

- 50 µl
- 100 µl
- 200 µl

DESCRIPTION

Actins are highly conserved proteins that are involved in various types of cell motility. Polymerization of globular actin (G-actin) leads to a structural filament (F-actin) in the form of a two-stranded helix. Each actin can bind to four others. The protein encoded by this gene belongs to the actin family which is comprised of three main groups of actin isoforms, alpha, beta, and gamma.

SOURCE

This Abmart monoclonal antibody is produced by immunizing animals with a synthetic peptide (KLH-coupled) corresponding to amino-terminal residues of human b-actin.

STORAGE

Store at -20°C, stable for one year from the date of shipment.

ALIASES

ACTA; ACTA1;

REACTIVITY

Human, M, R, Ce, Dm, Bombyx, Z, C, Pg, B, Dg, Mk, ChHm

ISOTYPE

Rabbit IgG

PREDICTED MOLECULAR WEIGHT

42 KDa

RECOMMEND ANTIBODY DILUTIONS

Western blotting 1:1000-1:10000

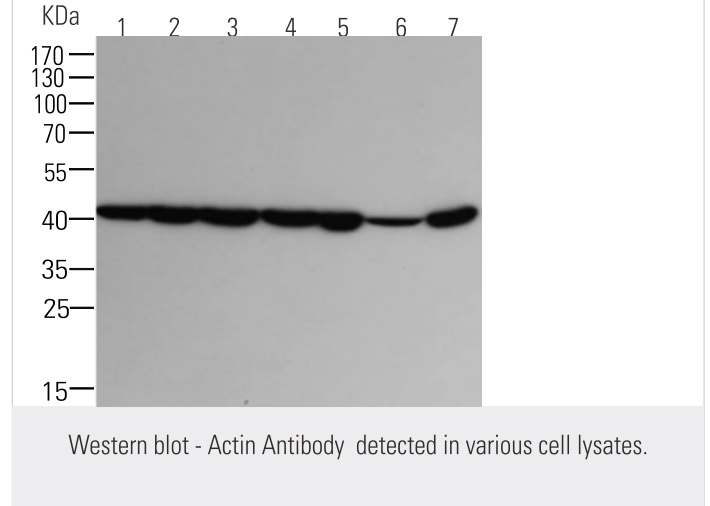
***For Western blots, incubate membrane with diluted antibody in 5% w/v nonfat dry milk, 1X TBS, 0.05% Tween-20 at 4°C with gentle shaking overnight.**

COMPANION PRODUCTS

- #M21001 Goat-anti-Mouse IgG-HRP
- #M20001 His-Tag mAb
- #M20002 Myc-Tag mAb
- #M20003 HA-Tag mAb
- #M20018 Anti-DYKDDDDK-Tag mAb (Agarose conjugated)

Reactivity Key: H—human, M—mouse, R—rat, ChHm—Chinese hamster, Mk—monkey, C—chicken, Dm—D.melanogaster, X—xenopus, Z—zebrafish, B—bovine, Dg—dog, Pg—pig, Sc—S.cerevisiae, Ce—C.elegans, Hr—horse

APPLICATION DATA



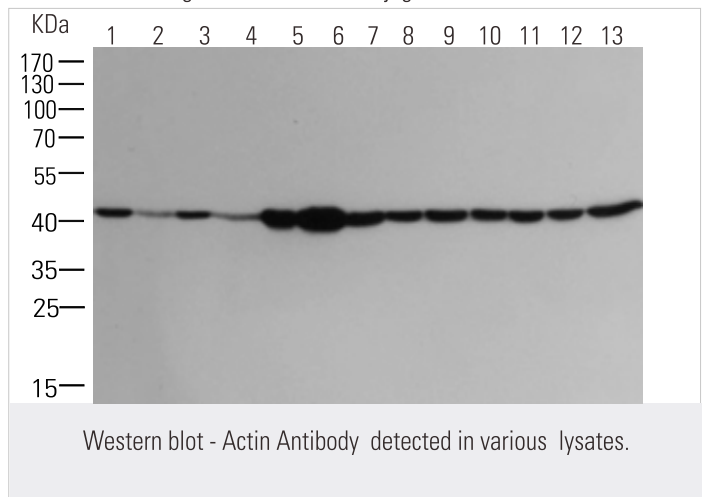
All lanes : Actin Antibody detected in various cell lysates

Lane 1 -7: 293T, HeLa, MCF-7, A549, R5ji, k562, HepG2

Primary antibody: 1:5000

Secondary

Goat Anti-Rabbit IgG-HRP, 5% milk conjugated at 1/3000 dilution



All lanes : Actin Antibody detected in various cell lysates

Lane 1 -13: Ce, Dm, Bombyx, Z, C, Pg, B, MDCK, NIH/3T3, COS-7, CHO-K1, PC-12, C6

Primary antibody: 1:1000

Secondary

Goat Anti-Rabbit IgG-HRP, 5% milk conjugated at 1/3000 dilution

Predicted band size : 42 KDa

Observed band size : 42 KDa

For in vitro research use only and not intended for use in humans or animals.