



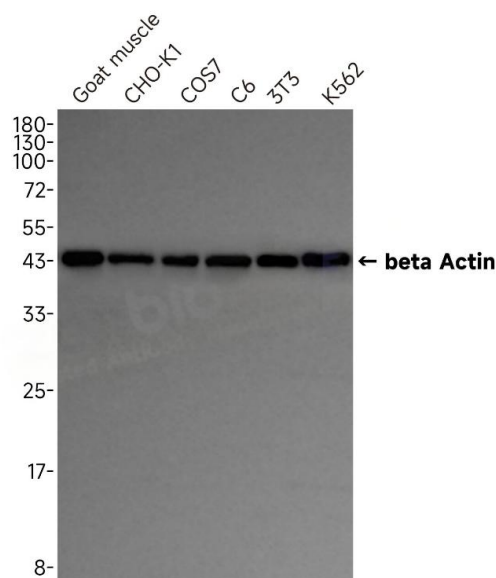
beta Actin (8F10) Mouse mAb

Catalog No	YP-nAb-1191
Isotype	IgG2b
Reactivity	Human,Mouse,Rat,Hamster,Monkey,Goat,Rabbit,Zebrafish, Saccharomycescerevisiae,Arabidopsis,Pichiapastoris,Drosophila,LeafofRice, FruitofCucumber,ChlamydomonasReinhardtii,Fish,Pig,Chicken
Applications	WB
Alternative Name	ACTIN; ACTB; BETA-ACTIN; beta actin; actin beta
Antibody dilution ratio	WB-1:5000-1:10000
SwissProt ID	P60709
Host Species	Mouse
Conjugation	Unconjugated
Modification	Unmodified
Gene ID	60
Gene Name	ACTB
Clonality	Monoclonal Antibody
Molecular Weight	Calculated MW: 42 kDa; Observed MW: 42 kDa
Immunogen	Purified recombinant human beta actin protein fragments expressed in E.coli.
Research Field	Isotype/Loading Controls
Background	beta-Actin is one of six different actin isoforms that have been identified. The actin molecules found in cells of various species and tissues tend to be very similar in their immunological and physical properties. Therefore, Antibodies against beta Actin are useful as loading controls for Western Blotting. However it should be noted that levels of beta-Actin may not be stable in certain cells. For example,expression of beta-Actin in adipose tissue is very low and therefore it should not be used as loading control for these tissues.
Purification Method	Affinity Purified
Form	Liquid
Storage Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Storage Conditions	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

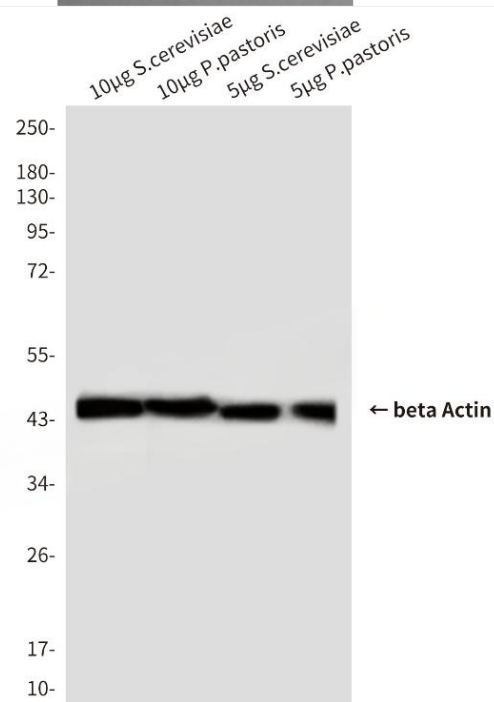




Products Images

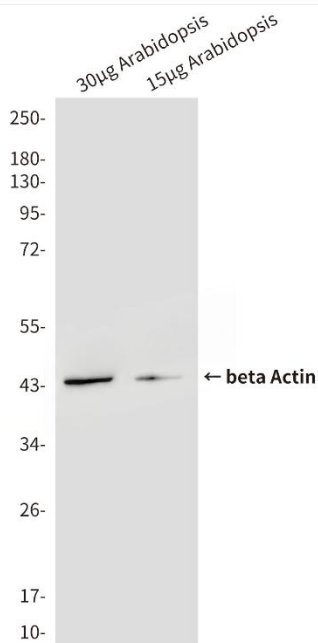


Western blot analysis of beta actin in C6, 3T3, COS7, CHO-K1, K562 and Goat muscle lysates using beta actin antibody.

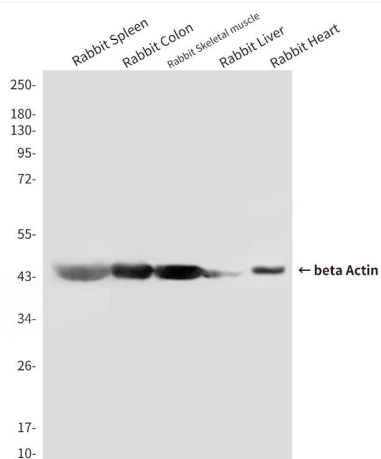


Western blot analysis of beta actin in 5ug & 10ug S.cerevisiae and 5ug & 10ug P.pastoris lysates using beta actin antibody.

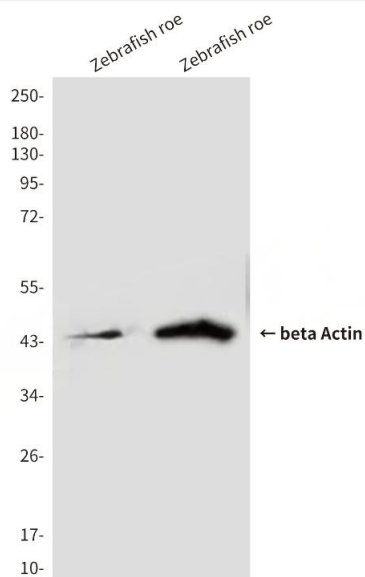




Western blot analysis of beta actin in 15ug Arabidopsis and 3ug Arabidopsis lysates using beta actin antibody.



Western blot analysis of beta actin in Rabbit Spleen, Rabbit Colon, Rabbit Skeletal muscle, Rabbit Liver and Rabbit Heart lysates using beta actin antibody.



Western blot analysis of beta actin in zebrafish roe lysates using beta actin antibody.





Western blot analysis of beta actin in 20ug & 40ug Fruit fly
(Drosophila melanogaster)

lysates using beta actin antibody.

