

MN88810

beta Actin mAb

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☐ 50ul;100ul;

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.

Gene Name : ACTB

Alternative Names:

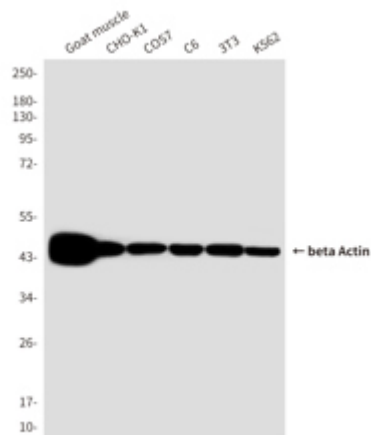
ACTIN; ACTB; BETA-ACTIN; beta actin; actin beta

Uniprot : P60709

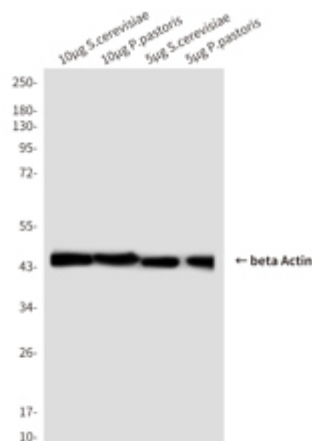
Source : Mouse

Application

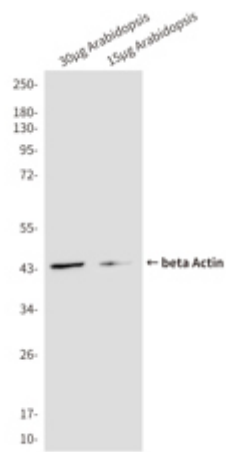
WB



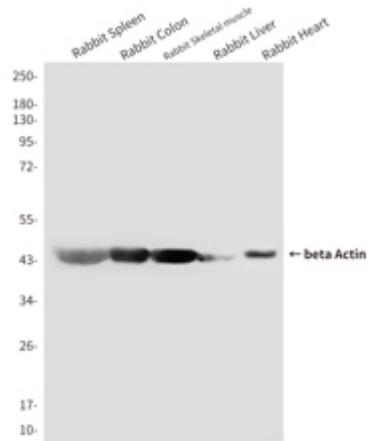
Western blot analysis of beta actin in C6, 3T3, COS7, CHOK1, K562 and Goat muscle lysates using beta actin antibody.



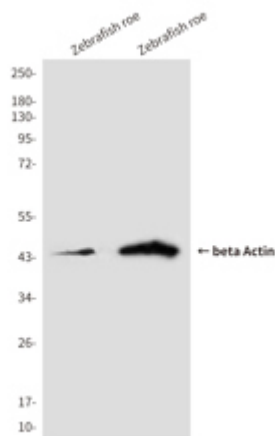
Western blot analysis of beta actin in 5ug & 10ug *S.cerevisiae* and 5ug & 10ug *P.pastoris* lysates using beta actin antibody.



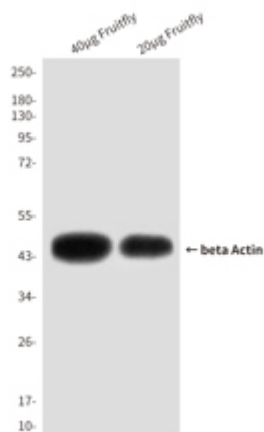
Western blot analysis of beta actin in 15ug Arabidopsis and 3ug Arabidopsis lysates using beta actin antibody.



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.

Clonality : Monoclonal Antibody

Isotype : IgG2b

Immunogen:

Purified recombinant human beta actin protein fragments expressed in E.coli.

Reactivity:

Human,Mouse,Monkey,Goat,Rat,Hamster,Saccharomycescerevisiae,Arabidopsis,Pichiapastoris,Rabbit,Zebrafish,Drosophila,LeafofRice,FruitofCucumber,ChlamydomonasReinhardtii,Fish,Pig,Chicken

Dilution : WB: 1/5000-1/10000

Molecular Weight:

Calculated MW: 42 kDa; Observed MW: 42 kDa

Purification : Affinity Purified

Form : Liquid

Concentration : 2.9 mg/ml

Buffer:

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.

Storage:

Store at 4°C short term. Store at -20°C long term. Avoid freeze/thaw cycles.