



beta Actin Rabbit mAb

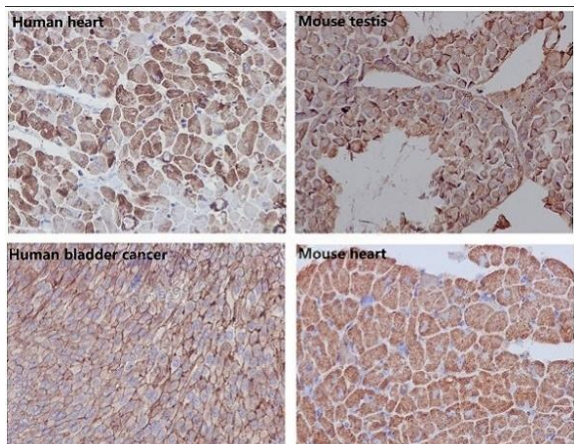
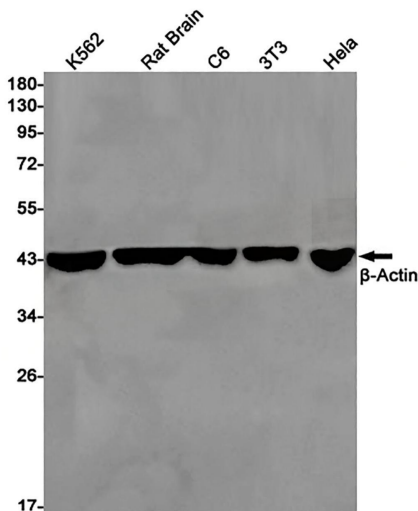
Catalog No	YP-nAb-1169
Isotype	IgG
Reactivity	Human,Mouse,Rat
Applications	WB,IHC-F,IHC-P,ICC/IF
Alternative Name	ACTIN; ACTB; BETA-ACTIN; beta actin; actin beta
Antibody dilution ratio	WB-1:5000-1:10000; IHC-1:100-1:500; IF-1:100-1:500
SwissProt ID	P60709
Host Species	Rabbit
Conjugation	Unconjugated
Modification	Unmodified
Gene ID	60
Gene Name	ACTB
Clonality	Monoclonal Antibody
Molecular Weight	Calculated MW: 42 kDa; Observed MW: 42 kDa
Immunogen	A synthetic peptide of human beta Actin
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 betaActin 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 10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
Storage Conditions	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.



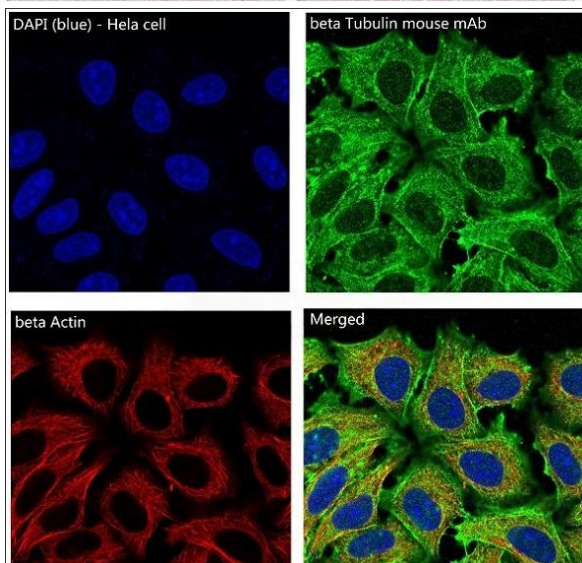


Products Images

Western blot analysis of beta Actin in K562, rat Brain, C6, 3T3, Hela lysates using beta Actin antibody.



Immunohistochemistry analysis of paraffin-embedded (1) Human heart; (2) mouse testis; (3) Human bladder cancer; (4) mouse heart using beta Actin antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Immunofluorescence analysis of beta Actin in Hela using beta Actin antibody.

