



Cyrusbioscience

β -actin Control Antibody(Rabbit)

Catalog Number: CAB0001

Amount: 100 μ g/100 μ l

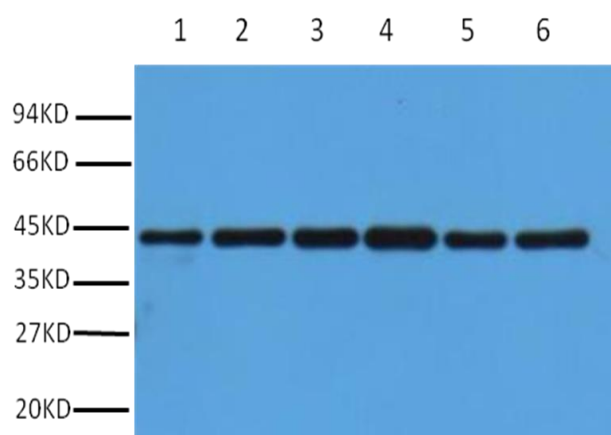
Background: β -Actin is one of six different actin isoforms that have been identified. The actin molecules found in cells of various species and tissues tend to be very similar in their immunological and physical properties. Therefore, Antibodies against β -Actin are useful as loading controls for Western Blotting. However it should be noted that levels of β -Actin may not be stable in certain cells. For example, expression of β -Actin in adipose tissue is very low and therefore β -Actin should not be used as loading control for these tissues.

Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

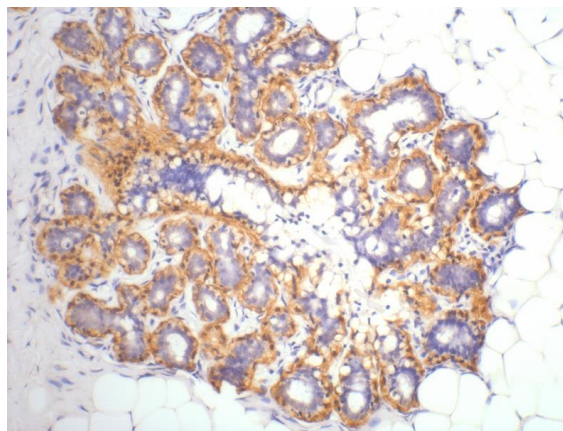
Storage/Stability: Store at -20°C/1 year

Specificity/Sensitivity: Antibody can detect endogenous β -actin protein.

Applications: WB: 1:2000-1:5000 ; IHC: 1:200 ; IF: 1:200



Western blot analysis of HepG2 (1) , Rat liver (2) ,Mouse kidney (3) , Rabbit testis(4), Sheep lung(5), 293T(6) with β -Actin rabbit polyclonal antibody diluted at 1:5000.



IHC staining of Human ovary tissue with β -Actin PAB diluted at 1:200.