

**MN50008**

beta Actin mAb

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### 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:

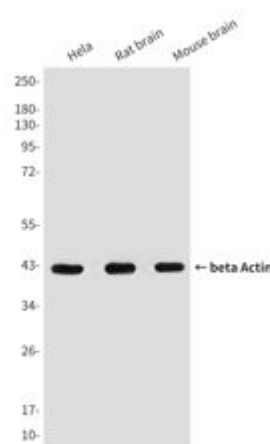
ACTIN; ACTB; BETA-ACTIN; beta actin; actin beta

**Uniprot :** P60709

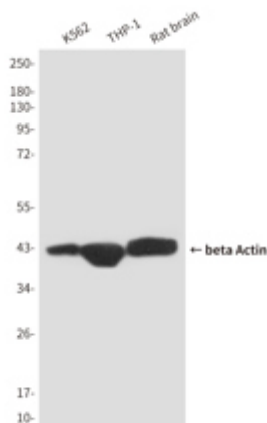
**Source :** Mouse

### Application

WB



Western blot analysis of beta Actin (10F16H7) in HeLa, Rat brain, Mouse brain lysates using beta Actin (10F16H7) antibody.



Western blot analysis of  $\beta$ Actin in K562, THP1, Rat Brain lysates using  $\beta$ Actin (1F16H7) antibody.

**Clonality** : Monoclonal Antibody

**Isotype** : IgG1

**Immunogen** : Synthetic Peptide of  $\beta$ -actin

**Reactivity:**

Human,Rat,Mouse,Monkey,Dog,Chicken,Hamster,Rabbit,Pig,Sheep

**Dilution** : WB: 1/1000

**Molecular Weight:**

Calculated MW: 42 kDa; Observed MW: 42 kDa

**Purification** : Affinity Purified

**Form** : Liquid

**Concentration** : 1 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.