

**Antibody to Beta-Actin  
RABBIT POLYCLONAL**

**Catalog Number:** AB-273  
**Quantity:** 200 micrograms  
**Format:** PBS with 50% glycerol  
**Host:** Rabbit  
**Immunogen:** Peptide DDIAALVVDNGDG derived from human b-Actin conjugated to KLH

**Background:**

Beta-actin is one of the actin isoforms which have been identified in animals. Actins are highly conserved proteins so it is frequently used as internal standard referred to same amount of cells loaded.

**Specificity and Preparation:**

This anti- $\beta$ -actin antibody is developed using peptide derived from b-actin of many animal species including human. It recognizes  $\beta$ -actin protein as a single band and is purified by antigen-specific affinity chromatography. The concentration is 250  $\mu$ g/ml.

**Usage and Storage:**

Reported to be effective for ELISA (1:2,500) and immunoblotting (western blot 1:1,000). Store product at  $-20^{\circ}\text{C}$  for up to three years. Avoid repeated freezing and thawing. Gently spin down material before use; 5-10 seconds in a microfuge should be adequate.

**To view protocol(s) for this and other products please visit: [www.ATSBio.com/support/protocols](http://www.ATSBio.com/support/protocols)**



Western Blot analysis of Jurkat cell lysis with Beta-Actin antibody.