

**Manufacturer/Supplier:**

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**Product name:** Rabbit anti-Alpha-actin Antibody

**Catalog:** DL94414A

**Synonyms:** ACTC; Actin, alpha cardiac muscle 1;  
Alpha-cardiac actin

**Immunogen:** KLH-conjugated synthetic peptide encompassing a  
sequence within the N-term region of human  
Alpha-actin. The exact sequence is proprietary.

**Form:** Liquid

**Concentration:** 1mg/mL

**Size:** 100 ul/50 ul

**Host:** Rabbit

**Reactivity:**

Human, Mouse, Rat, Bovine, Chicken

**Application:** WB, IHC

**Clonality:** Polyclonal

**Dilution:** WB (1/500 - 1/2000),  
IHC (1/50 - 1/200)

**Entrez Gene:** 70/11464/29275

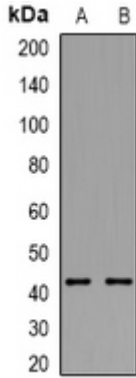
**SwissProt:** P68032/P68033/P68035

**Purification:** The antibody was purified by immunogen affinity chromatography.

**Buffer:** Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

**WB description:**

Western blot analysis of Alpha-actin expression in mouse heart (A), mouse lung (B) whole cell lysates.



### IHC description:

Immunohistochemical analysis of Alpha-actin staining in mouse skeletal muscle formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

### Storage:

Store at -20°C. Avoid repeated freeze / thaw cycles.