

**Manufacturer/Supplier:**

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**Product name:** Rabbit anti-Alpha-actin-1 Antibody

**Catalog:** DL90008A

**Synonyms:** ACTA; Actin, alpha skeletal muscle; Alpha-actin-1

**Immunogen:** KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human Alpha-actin-1. The exact sequence is proprietary.

**Form:** Liquid

**Concentration:** 1mg/mL

**Size:** 100 ul/50 ul

**Host:** Rabbit

**Reactivity:**  
Human, Mouse, Rat, Bovine, Chick  
en, Pig, Rabbit

**Application:** WB, IHC, IP

**Clonality:** Polyclonal

**Dilution:** WB (1/500 - 1/1000),  
IHC (1/100 - 1/200), IP (1/10 -  
1/100)

**Entrez Gene:** 58/11459/29437

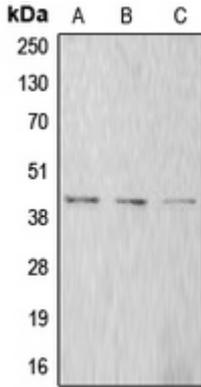
**SwissProt:** P68133/P68134/P68136

**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-1 expression in A549 (A), SP2/0 (B), rat kidney (C) whole cell lysates.

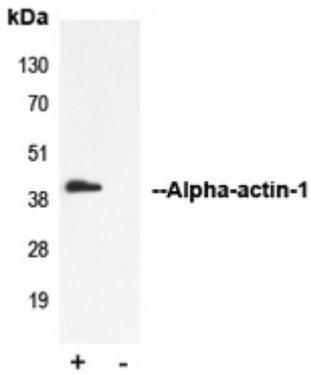


### IHC description:

Immunohistochemical analysis of Alpha-actin-1 staining in human 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.

### IP description:

Immunoprecipitation of Alpha-actin-1 from 0.5mg Mouse Skeletal Muscle tissue lysate, using 5ug of anti-Alpha-actin-1 Antibody and 50ul of protein G magnetic beads (+). No antibody was added to the control (-). The antibody was incubated under agitation w



**Storage:**

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