

**Manufacturer/Supplier:**

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**Product name:** Rabbit anti-AK4 Antibody

**Catalog:** DL95976A

**Synonyms:** AK3; AK3L1; Adenylate kinase 4, mitochondrial;  
AK 4; Adenylate kinase 3-like; GTP:AMP  
phosphotransferase AK4

**Immunogen:** Recombinant full length protein of human AK4

**Form:** Liquid

**Concentration:** 1mg/mL

**Size:** 100 ul/50 ul

**Host:** Rabbit

**Reactivity:** Human, Mouse, Rat

**Application:** WB, IHC, IF/IC

**Clonality:** Polyclonal

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

1/200)

**Entrez Gene:** 11639/29223

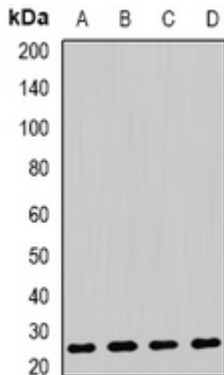
**SwissProt:** P27144/Q9WUR9/Q9WUS0

**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 AK4 expression in HepG2 (A), Raji (B), mouse liver (C), mouse kidney (D) whole cell lysates.

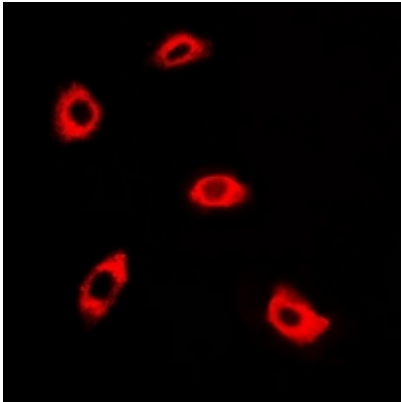


### IHC description:

Immunohistochemical analysis of AK4 staining in rat kidney 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.

### **IF/ICC description:**

Immunofluorescent analysis of AK4 staining in A549 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in



### **Storage:**

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