

**Manufacturer/Supplier:**

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**Product name:** Rabbit anti-Adenylate Kinase 1 Antibody

**Catalog:** DL97528A

**Synonyms:** Adenylate kinase isoenzyme 1; AK 1; ATP-AMP  
transphosphorylase 1; ATP:AMP  
phosphotransferase; Adenylate monophosphate  
kinase; Myokinase

**Immunogen:** Recombinant full length protein of human  
Adenylate Kinase 1

**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:** 203/11636/24183

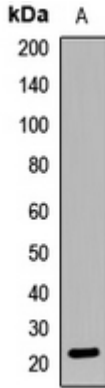
**SwissProt:** P00568/Q9R0Y5/P39069

**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 Adenylate Kinase 1 expression in mouse heart (A) whole cell lysates.

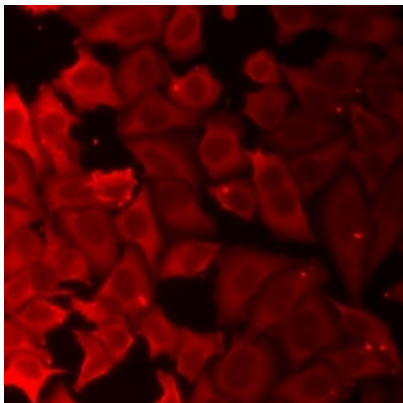


### IHC description:

Immunohistochemical analysis of Adenylate Kinase 1 staining in human breast cancer 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 Adenylate Kinase 1 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 prim



**Storage:**

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