

**Manufacturer/Supplier:**

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**Product name:** Rabbit anti-AMPK beta 1 Antibody

**Catalog:** DL94793A

**Synonyms:** AMPK; 5'-AMP-activated protein kinase subunit  
beta-1; AMPK subunit beta-1; AMPKb

**Immunogen:** KLH-conjugated synthetic peptide encompassing a  
sequence within the center region of human AMPK  
beta 1. The exact sequence is proprietary.

**Form:** Liquid

**Concentration:** 1mg/mL

**Size:** 100 ul/50 ul

**Host:** Rabbit

**Reactivity:**

Human, Mouse, Rat, Bovine

**Application:** WB, IHC

**Clonality:** Polyclonal

**Dilution:** WB (1/500 - 1/1000),  
IHC (1/50 - 1/100)

**Entrez Gene:** 5564/19079/83803

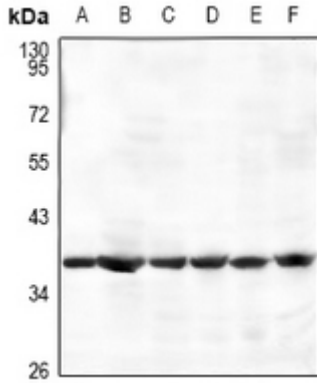
**SwissProt:** Q9Y478/Q9R078/P80386

**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 AMPK beta 1 expression in Hela (A), HepG2 (B), K562 (C), PC3 (D), MCF7 (E), mouse spleen (F) whole cell lysates.



### IHC description:

Immunohistochemical analysis of AMPK beta 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.

### Storage:

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