

Recombinant AMPK alpha 1+AMPK alpha 2 Monoclonal Antibody

catalog number: AN301866L

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

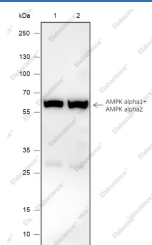
Reactivity	Human
Immunogen	Recombinant human AMPK alpha 1+AMPK alpha 2 fragment
Host	Rabbit
Isotype	Rabbit IgG
Clone	C331488
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications

Recommended Dilution

WB	1:500-1:1000
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Data



Western Blot with AMPK alpha 1+AMPK alpha 2

Monoclonal Antibody at dilution of 1:1000. Lane 1: HeLa,
Lane 2: HepG2

Observed-MW:62 kDa

Calculated-MW:62 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

AMPK alpha is the catalytic subunit of AMP-activated protein kinase (AMPK), an energy sensor protein kinase that plays a key role in regulating cellular energy metabolism. In response to reduction of intracellular ATP levels, AMPK activates energy-producing pathways and inhibits energy-consuming processes: inhibits protein, carbohydrate and lipid biosynthesis, as well as cell growth and proliferation.

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