

Phospho-AMPK alpha 2 (S345) Rabbit monoclonal antibody

Catalog: BS40313

Host: Rabbit

Reactivity: Human Mouse Rat

BackGround:

AMP-activated protein kinase (AMPK) is highly conserved from yeast to plants and animals and plays a key role in the regulation of energy homeostasis. AMPK is a heterotrimeric complex composed of a catalytic α subunit and regulatory β and γ subunits, each of which is encoded by two or three distinct genes ($\alpha 1, 2$; $\beta 1, 2$; $\gamma 1, 2, 3$). The kinase is activated by an elevated AMP/ATP ratio due to cellular and environmental stress, such as heat shock, hypoxia, and ischemia.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2.

Molecular Weight:

64kDa

Swiss-Prot:

P54646

Purification&Purity:

Affinity-chromatography

Applications:

WB 1:1000~1:2000

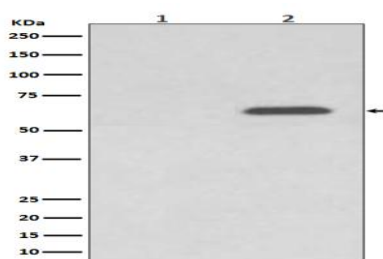
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Phospho-AMPK alpha 2 (S345) Antibody detects endogenous levels of Phospho-AMPK alpha 2 (S345)

DATA:



Western blot analysis of Phospho-AMPK alpha 2 (S345) expression in (1) 293T cell lysate treated with Lambda Phosphatase; (2) 293T cell lysate.

Note:

For research use only, not for use in diagnostic procedure.

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