

Product Datasheet

Phospho-AMPK1 (Ser496) Antibody

Catalog No: CY6029

Reactivity: Human, Mouse, Rat

Isotype: Rabbit IgG

Applications: WB IHC



Information

UniProt ID: Q13131

All Names: 5'-AMP-activated protein kinase catalytic subunit alpha-1; 5'-AMP-activated protein kinase, catalytic alpha-1 chain; AAPK1; AMP -activate kinase alpha 1 subunit; AMP-activated protein kinase, catalytic, alpha-1; AMPK; AMPK alpha 1; AMPK subunit alpha-1;

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide derived from human AMPK1 around the phosphorylation site of Serine 496

Molecular Wt.: 62 kDa

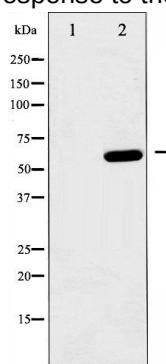
Application

WB: 1:500~1:2000

IHC: 1:50~1:200

Background

AMPK1 a protein kinase of the CAMKL family that plays a central role in regulating cellular and organismal energy balance in response to the balance between AMP/ATP, and intracellular Ca²⁺ levels.



Western blot analysis of AMPK1 phosphorylation expression in heat shock treated HeLa whole cell lysates, The lane on the left is treated with the antigen-specific peptide.

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