



AMPK1/AMPK2 (Phospho-Ser485/Ser491) Antibody

E011174

Catalog Number: E011174-1, E011174-2

Amount: 50 μ g/50 μ l, 100 μ g/100 μ l

Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Storage/Stability: Store at -20°C/1 year

Immunogen: The antiserum was produced against synthesized phosphopeptide derived from human AMPK1/AMPK2 around the phosphorylation site of serine 485/491 (S-G- S^P-V-S).

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.

Specificity/Sensitivity: AMPK1/AMPK2 (phospho-Ser485/Ser491) antibody detects endogenous levels of AMPK1/AMPK2 only when phosphorylated at serine 485 or serine 491.

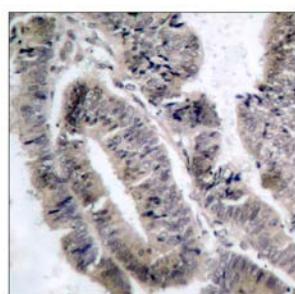
Reactivity: Human, Mouse, Rat

Applications: WB: 1:500~1:1000 IHC: 1:50~1:100

Swiss-Prot No.: Q13131 P54646

References: Kim JE, et al. (2005) J Proteome Res. 4(4): 1339-1346.

Woods A, et al. (2003) J Biol Chem. 278(31): 28434-28442.

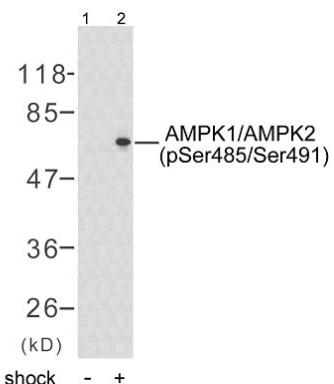


P-Peptide

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Immunohistochemical analysis of paraffin-embedded human colon carcinoma tissue, using AMPK1/AMPK2 (phospho-Ser485/Ser491) antibody (E011174).



Western blot analysis of extract from HeLa cells untreated or treated with heat shock (30min), using AMPK1/AMPK2 (phospho-Ser485/Ser491) antibody (E011174).