



AMPK1 (Phospho-Thr174) Antibody

Cat. #: ANTY011183

Species: Human, Mouse, Rat

Quantity: 100ug

Concentration: 100ug/100ul

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

Immunogen: The antiserum was produced against synthesized phosphopeptide derived from human AMPK1 around the phosphorylation site of threonine 174 (L-R-TP-S-C).

Specificity: AMPK1 (Phospho-Thr174) antibody detects endogenous levels of AMPK1 only when phosphorylated at threonine 174.

Tested Application: IHC

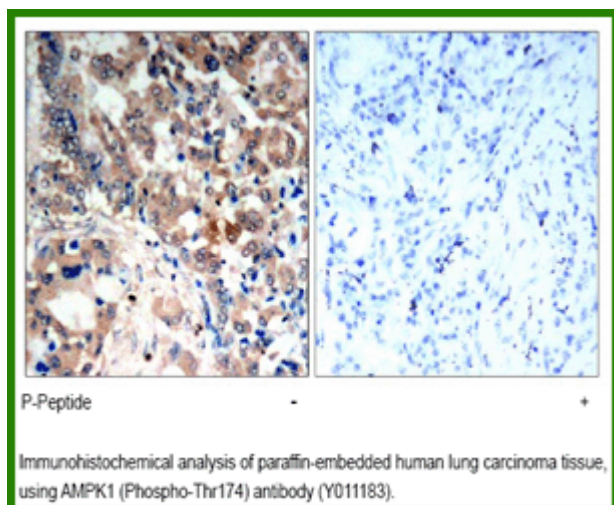
Application Notes : Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Raised In: Rabbit

Purity: 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.

Storage buffer: IHC: 1:50-1:100

Reference: Hurley RL, et al. (2005) J Biol Chem. Aug 12; 280(32): 29060-29066 Woods A, et al. (2003) Curr Biol. Nov 11; 13(22): 2004-2008 Nielsen JN, et al. (2003) J Appl Physiol. Feb; 94(2): 631-641 Da Silva Xavier G, et al. (2000) Proc Natl Acad Sci U S A. Apr 11; 97(8): 4023-4028.



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