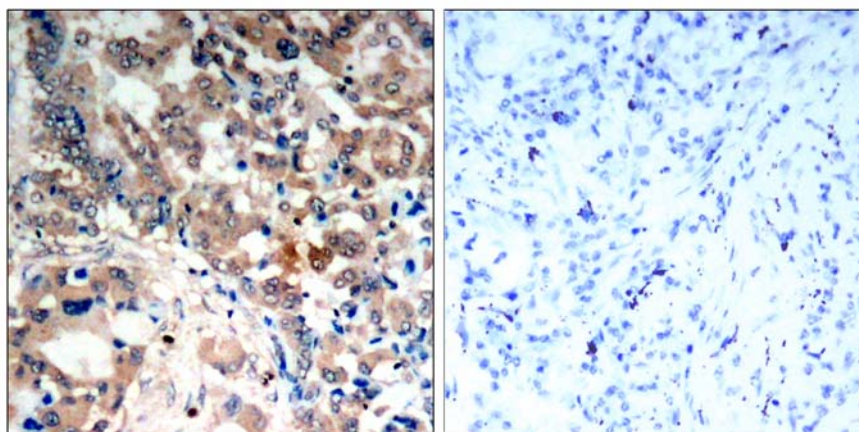


AMPK α 1/AMPK α 2 (Phospho-Thr174/Thr172) Antibody

#11183

- Catalog Number:** 11183-1, 11183-2
Amount: 50 μ g/50 μ l, 100 μ g/100 μ l
Swiss-Prot No. : Q13131
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 AMPK α 1 around the phosphorylation site of threonine 174 (L-R-T^P-S-C).
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: AMPK α 1/AMPK α 2(Phospho-Thr174/Thr172) Antibody detects endogenous levels of AMPK α 1/AMPK α 2 only when phosphorylated at threonine 174/ threonine 172.
Reactivity: Human, Mouse, Rat
Applications: IHC: 1:50-1:100
References: 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.



P-Peptide

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Immunohistochemical analysis of paraffin-embedded human lung carcinoma tissue, using AMPK α 1/AMPK α 2 (Phospho-Thr174/Thr172) Antibody (#11183).

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