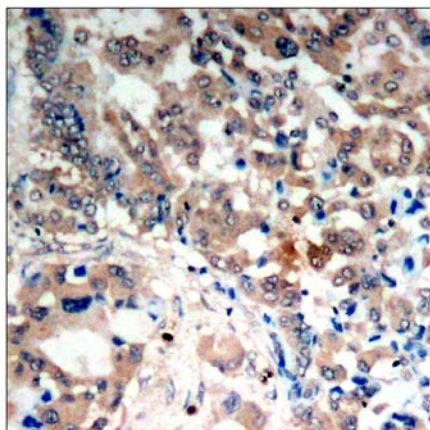




## AMPK1 (Phospho-Thr174) Antibody

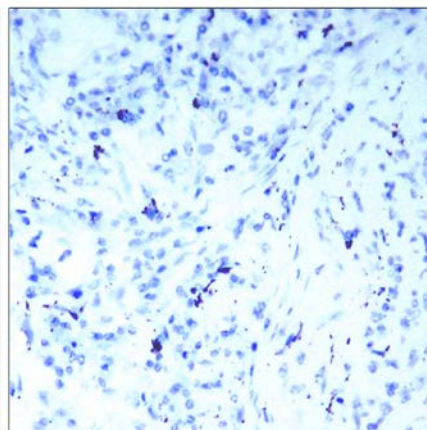
E011183

- Catalog Number:** E011183-1, E011183-2  
**Amount:** 50µg/50µl, 100µg/100µl  
**Swiss-Prot No. :** Q13131  
**Form of Antibody:** Rabbit IgG in phosphate buffered saline (without  $Mg^{2+}$  and  $Ca^{2+}$ ), 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 around the phosphorylation site of threonine 174 (L-R-T<sup>P</sup>-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:** AMPK1(Phospho-Thr174) Antibody detects endogenous levels of AMPK1 only when phosphorylated at threonine 174.  
**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 AMPK1 (Phospho-Thr174) Antibody (E011183).

**For Research Use Only**