

AMPK α 2 Rabbit Polyclonal Antibody(F117)

Catalog No: RA20274

Basic Information

Host species	Rabbit
Applications	IHC
Species Cross-Reactivity	H, R, M
Specificity	Antibody can detects endogenous AMPK α 2 proteins.
Recommended dilutions	IHC: 1:100 Optimal dilutions should be determined by the end user.

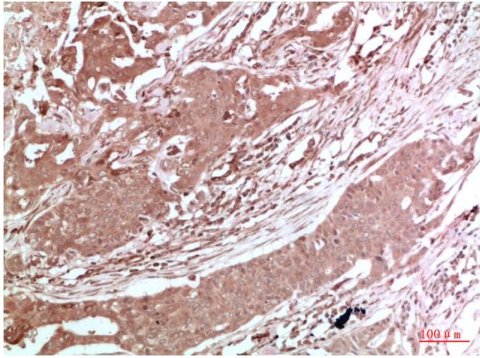
Applications

Formulation	Antigen Affinity Purified IgG in PBS, pH 7.4, containing 0.02% sodium azide as Preservative and 50% Glycerol.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Concentration	1 mg/ml
Clonality	Polyclonal

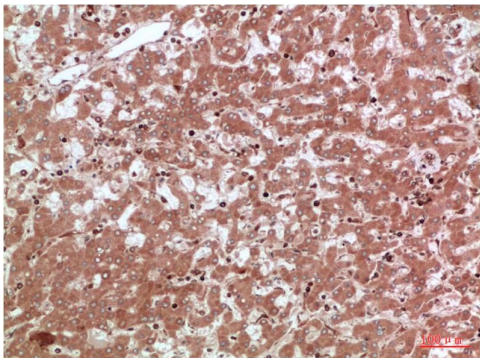
Background

Alternative Names	5 AMP activated protein kinase catalytic subunit alpha-2, AAPK2, AMPK2, PRKAA2
Observed band	62
Human Gene ID	5563
Human Swiss-Prot Number	P54646
Background	AMP-activated protein kinase (AMPK) is highly conserved from yeast to plants and animals and plays a key role in the regulation of energy homeostasis. AMPK is a heterotrimeric complex composed of a catalytic α subunit and regulatory β and γ subunits, each of which is encoded by two or three distinct genes (α 1, 2; β 1, 2; γ 1, 2, 3).

Selected Validation Data



Immunohistochemical analysis of paraffin-embedded Human Breast Carcinoma Tissue using AMPK $\alpha 2$ Rabbit pAb diluted at 1:100



Immunohistochemical analysis of paraffin-embedded Human Liver Tissue using AMPK $\alpha 2$ Rabbit pAb diluted at 1:100