

AMPK γ 1 Rabbit Polyclonal Antibody(F114)

Catalog No: RA20272

Basic Information

Host species	Rabbit
Applications	WB,IHC
Species Cross-Reactivity	H,R,M
Specificity	The antibody can detect endogenous AMPK γ 1 proteins.
Recommended dilutions	WB: 1:1,000-2,000 IHC: 1:100-200 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

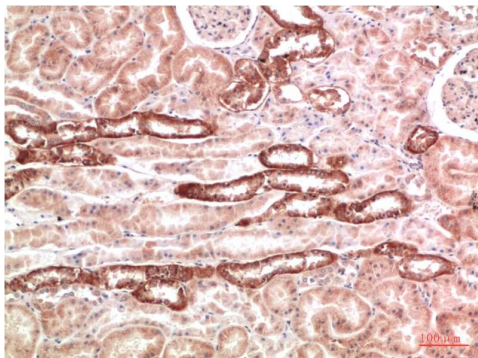
Background

Alternative Names	AMPK gamma 1, AMPKg, PRKAG 1
Observed band	38
Human Gene ID	5571
Human Swiss-Prot Number	P54619
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



Western blot analysis of Mouse Brain Tissue Lysate using AMPK γ 1 Rabbit pAb diluted at 1:2000.



Immunohistochemical analysis of paraffin-embedded Human Kidney Tissue using AMPK γ 1 Rabbit pAb diluted at 1:200.