

AMPK γ 1 Mouse Monoclonal Antibody(5A1)

Catalog TDY1043C TDY1043F

Tel: 010-80117836

Quantity 50 μ L 100 μ L

Web: www.tdybio.com

Entrez-Gene ID:5571, Swiss-Prot Acc.P54619

For research use only.

Applications	Species	Cross-Reactivity	Molecular Weight	Isotype
IHC		H	~38KD	IgG1

Storage Buffer & Condition: Antigen Affinity Purified IgG1 in PBS, pH 7.4, containing 0.02% **sodium azide** as Preservative and 50% Glycerol.

Store at **-20°C**. **Do not aliquot the antibody.**

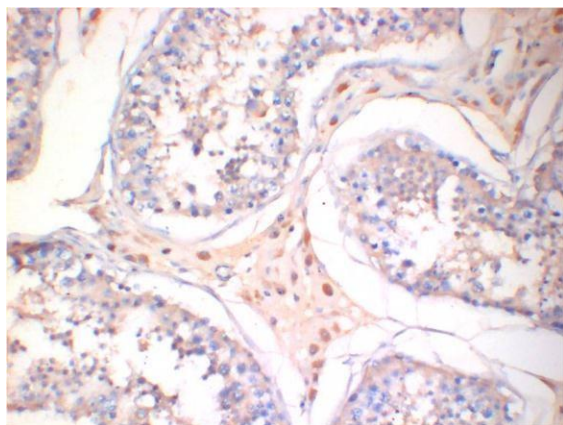
Recommended dilutions:IHC: 1:100-200

Optimal dilutions should be determined by the end user.

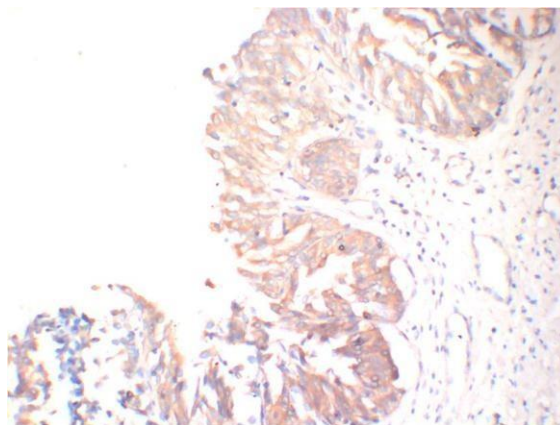
Specificity:The antibody can detect endogenous AMPK γ 1 proteins.

Alternative Names:AMPK gamma 1, AMPKg, PRKAG 1

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).



Immunohistochemical analysis of paraffin-embedded Human Testis Tissue using AMPK γ 1 (TDY1043) Mouse Monoclonal antibody diluted at 1:200.



Immunohistochemical analysis of paraffin-embedded Human Prostate Tissue using AMPK γ 1 (TDY1043) Mouse Monoclonal antibody diluted at 1:200.