

Product datasheet for **TA354477**

AMPK alpha 1 (PRKAA1) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB 0.1-1 µg/ml ELISA 0.01-0.1 µg/ml IP 2-5 µg/ml IHC 2-10 µg/ml FC 5-10 µg/ml
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	A synthetic peptide surrounding to the epitope -CGSPN- with a phosphorylation site at Ser79 of AMPK alpha 1 protein from Carassius Auratus origin. This sequence is identical among human, mouse, rat, chicken, bovine, dog, and insect species.
Formulation:	This affinity purified antibody is supplied in sterile Tris-buffered saline (pH7.2) containing antibody stabilizer.
Purification:	The Rabbit IgG is purified by site-modified Epitope Affinity Purification.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	63 kDa
Gene Name:	protein kinase AMP-activated catalytic subunit alpha 1
Database Link:	NP_006242 Entrez Gene 5562 Human Q13131
Synonyms:	AMPK; AMPKa1
Protein Families:	Druggable Genome, Protein Kinase
Protein Pathways:	Adipocytokine signaling pathway, Hypertrophic cardiomyopathy (HCM), Insulin signaling pathway, mTOR signaling pathway, Regulation of autophagy



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Product images:

WB: The whole cell lysate derived from serum starved HEK 293 was immunoblotted by Rabbit anti-AMPK alpha 1 (pS79) antibody