

OriGene Technologies, Inc.

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Product datasheet for TA355088

AMPK alpha 2 (PRKAA2) Goat Polyclonal Antibody

Product data:

| Product Type: | Primary Antibodies |
|-------------------------|--|
| Applications: | WB |
| Recommended Dilution: | ELISA 1:16000,WB:0.3-1µg/ml |
| Reactivity: | Human |
| Host: | Goat |
| Clonality: | Polyclonal |
| Immunogen: | Peptide with sequence CPLDALNTTKP., from the internal region of the protein sequence according to NP_006243.2. |
| Formulation: | Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.9% bovine serum albumin. |
| Concentration: | lot specific |
| Purification: | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. |
| Conjugation: | Biotin |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Predicted Protein Size: | 62.3 kDa |
| Gene Name: | protein kinase AMP-activated catalytic subunit alpha 2 |
| Database Link: | <u>NP_006243</u> <u>Entrez Gene 5563 Human</u> <u>P54646</u> |
| Synonyms: | AMPK; AMPK2; PRKAA |
| 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:

| | 250kDa 150kDa | |
|---|------------------|---|
| | 100kDa | |
| | 75kDa | |
| _ | 7 SKDa | |
| - | | |
| | 50kDa | |
| | | Biotinylated TA355088 (1ug/ml) staining of |
| | | |
| | 37kDa | Human Liver lysate (35ug protein in RIPA buffer). |
| | | Primary incubation was 1 hour. Detected by |
| | | chemiluminescence, using streptavidin-HRP and |
| | | using NAP blocker as a substitute for skimmed |
| | 25kDa | milk. |
| | 20100 | ПШК. |
| | 20kDa | |
| | | |
| | | |
| | 15kDa | |
| | | |

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