

Anti-Phospho-PRKAA1-Ser496 antibody (420-500) (STJ90170)

STJ90170

GENERAL INFORMATION

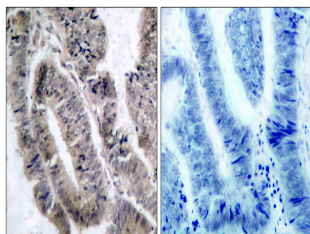
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| Product Type | Primary antibodies |
| Short Description | Rabbit polyclonal antibody anti-Phospho-5 Amp-Activated Protein Kinase Catalytic Subunit Alpha-1-Ser496 (420-500) is suitable for use in Western Blot, Immunohistochemistry, Immunofluorescence and ELISA research applications. |
| Applications | WB, IHC-P, IF-P, ELISA |
| Host/Source | Rabbit |
| Reactivity | Human, Mouse, Rat |

PRODUCT PROPERTIES

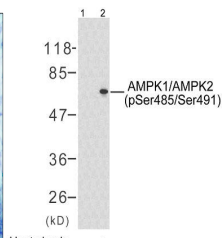
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| Clonality | Polyclonal |
| Clone ID | |
| Concentration | 1 mg/mL |
| Conjugation | Unconjugated |
| Purification | The antibody was affinity-purified from rabbit anti-serum by affinity-chromatography. |
| Dilution Range | WB 1:500-1:2000 IHC 1:100-1:300 ELISA 1:20000 |
| Formulation | PBS, 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide. |
| Isotype | IgG |
| Storage Instruction | Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles. |

TARGET INFORMATION

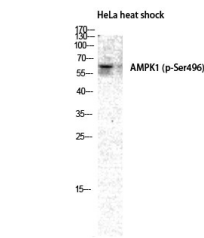
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|---------------------------|---|
| Gene ID | 5562 |
| Gene Symbol | PRKAA1 |
| Uniprot ID | AAPK1_HUMAN |
| Immunogen | The antiserum was produced against synthesized peptide derived from human AMPK1 around the phosphorylation site of Ser496 at amino acid range 451-500 |
| Immunogen Region | 420-500 |
| Specificity | Phospho-PRKAA1-Ser496 polyclonal antibody (5 NA-Amp-Activated Protein Kinase Catalytic Subunit Alpha-1) binds to endogenous 5 NA-Amp-Activated Protein Kinase Catalytic Subunit Alpha-1 at the amino acid region 420-500 only when phosphorylated at Ser496 |
| Immunogen Sequence | |



Immunohistochemistry analysis of paraffin-embedded human colon carcinoma, using AMPK1 (Phospho-Ser485) Antibody. The picture on the right is blocked with the phospho peptide.



Western blot analysis of lysates from HeLa cells treated with heat shock, using AMPK1 (Phospho-Ser485) Antibody. The lane on the right is blocked with the phospho peptide.



Western blot analysis of HELA cells using Phospho-AMPK Alpha 1 (S496) Polyclonal Antibody diluted at 1: 2000

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.
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