# Anti-Phospho-PRKAA1-Ser496 antibody (451-500 aa) (STJ90170)

STJ90170

## GENERAL INFORMATION

**Product Type** Primary antibodies

**Short Description** Rabbit polyclonal antibody anti-Phospho-5 AMP-activated protein kinase catalytic subunit alpha-1-Ser496 (451-500 aa) is suitable for use in Western Blot, Immunohistochemistry, Immunofluorescence and ELISA research applications.

**Applications** WB/IHC/IF/ELISA

**Host/Source** Rabbit

**Reactivity** Human/Mouse/Rat/Dog/Fish

## PRODUCT PROPERTIES

**Clonality** Polyclonal

**Clone ID**

**Concentration** 1 mg/mL

**Conjugation** Unconjugated

**Purification** The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

**Dilution Range** WB 1:500-1:2000
IHC 1:100-1:300
ELISA 1:20000
IF 1:50-200

**Formulation** Liquid in PBS containing 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

**Gene ID** 5562

**Gene Symbol** PRKAA1

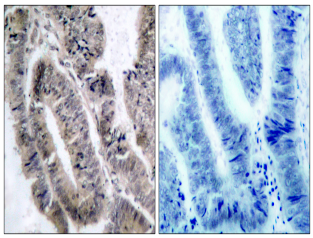
**Uniprot ID** AAPK1_HUMAN

**Immunogen** The antiserum was produced against synthesized peptide derived from the human AMPK1 around the phosphorylation site of Ser496 at the amino acid range 451-500

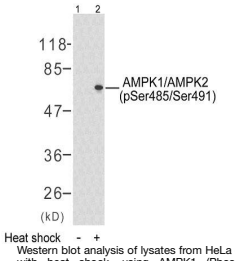
**Immunogen Region** 451-500 aa

**Specificity** Phospho-AMPK Alpha 1 (S496) Polyclonal Antibody detects endogenous levels of AMPK Alpha 1 protein only when phosphorylated at S496.

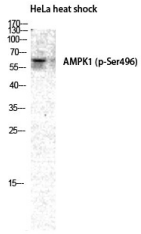
**Immunogen Sequence**



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 1¼ 2000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