

## Anti-PRKAA1 antibody (451-500 aa) (STJ91580)

STJ91580

### GENERAL INFORMATION

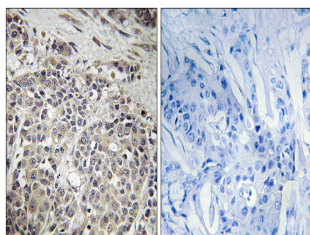
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	Rabbit polyclonal antibody anti-5 AMP-activated protein kinase catalytic subunit alpha-1 (451-500 aa) is suitable for use in Western Blot, Immunohistochemistry, Immunofluorescence and ELISA research applications.
<b>Applications</b>	WB/IHC/IF/ELISA
<b>Host/Source</b>	Rabbit
<b>Reactivity</b>	Human/Mouse/Rat

### PRODUCT PROPERTIES

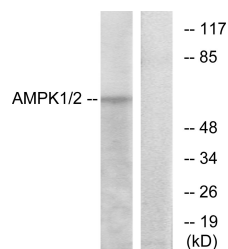
<b>Clonality</b>	Polyclonal
<b>Clone ID</b>	
<b>Concentration</b>	1 mg/mL
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-1:2000
<b>Range</b>	IHC 1:100-1:300 IF 1:200-1:1000 ELISA 1:10000
<b>Formulation</b>	Liquid in PBS containing 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.
<b>Isotype</b>	IgG
<b>Storage Instruction</b>	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

### TARGET INFORMATION

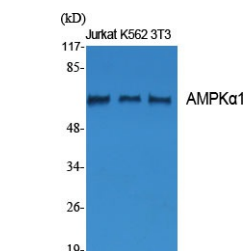
<b>Gene ID</b>	5562
<b>Gene Symbol</b>	PRKAA1
<b>Uniprot ID</b>	AAPK1_HUMAN
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from the human AMPK1 at the amino acid range 451-500
<b>Immunogen Region</b>	451-500 aa
<b>Specificity</b>	AMPK Alpha 1 Polyclonal Antibody detects endogenous levels of AMPK Alpha 1 protein.
<b>Immunogen Sequence</b>	



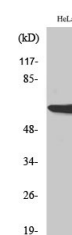
Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using AMPK1 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from HT29 cells, using AMPK1 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of various cells using AMPK Alpha 1 Polyclonal Antibody diluted at 1:1000



Western blot analysis of HeLa cells using AMPK Alpha 1 Polyclonal Antibody diluted at 1:1000

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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