

Anti-Phospho-AMPK Alpha 1/2-Thr183/172 antibody (140-189 aa) (STJ90735)

STJ90735

GENERAL INFORMATION

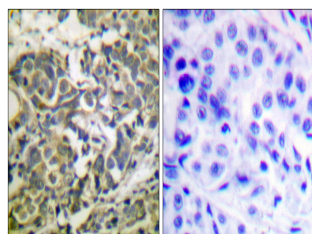
Product Type	Primary antibodies
Short Description	Rabbit polyclonal antibody anti-Phospho-5 AMP-activated protein kinase catalytic subunit alpha-1 and 5 AMP-activated protein kinase catalytic subunit alpha-2-Thr183/172 (140-189 aa) is suitable for use in Immunofluorescence, Western Blot, Immunohisto
Applications	IF/WB/IHC/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse/Rat/Monkey/Pig/M.japonicus

PRODUCT PROPERTIES

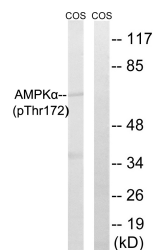
Clonality	Polyclonal
Clone ID	
Concentration	1 mg/mL
Conjugation	Unconjugated
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	IF 1:50-200
Range	WB 1:500-1:2000 IHC 1:100-1:300 ELISA 1:40000
Formulation	Liquid 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

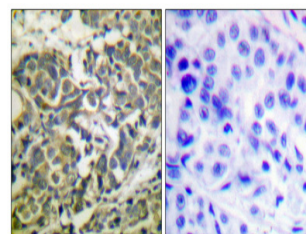
Gene ID	5563 5562
Gene Symbol	PRKAA2 PRKAA1
Uniprot ID	AAPK2_HUMAN AAPK1_HUMAN
Immunogen	The antiserum was produced against synthesized peptide derived from the human AMPK alpha around the phosphorylation site of Thr172 at the amino acid range 140-189
Immunogen Region	140-189 aa
Specificity	Phospho-AMPK Alpha 1/2 (T183/172) Polyclonal Antibody detects endogenous levels of AMPK Alpha 1/2 protein only when phosphorylated at T183/172.
Immunogen Sequence	



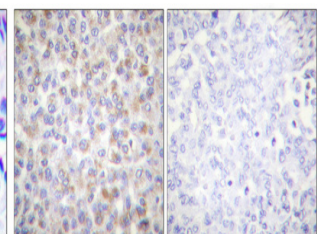
Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using AMPK alpha (Phospho-Thr172) Antibody. The picture on the right is blocked with the phospho peptide.



Western blot analysis of lysates from COS7 cells, using AMPK alpha (Phospho-Thr172) Antibody. The lane on the right is blocked with the phospho peptide.



Immunohistochemical analysis of paraffin-embedded Human breast cancer. Antibody was diluted at 1:100 (4A°C overnight). High-pressure and temperature Tris-EDTA, pH8.0 was used for antigen retrieval. Negative control (right) obtained from antibody was pre-absorbed by immunogen peptide.



Immunohistochemical analysis of paraffin-embedded Human breast cancer. Antibody was diluted at 1:100 (4A°C overnight). High-pressure and temperature Tris-EDTA, pH8.0 was used for antigen retrieval. Negative control (right) obtained from antibody was pre-absorbed by immunogen peptide.