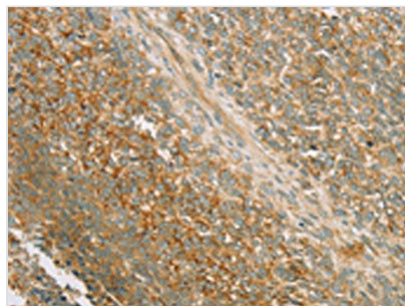




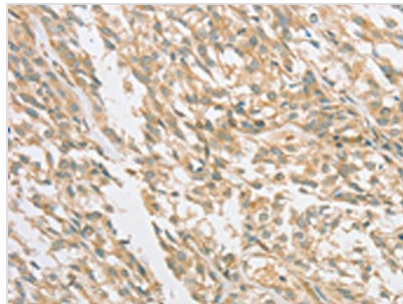
PRKAA1 Antibody

Product Code	CSB-PA071831
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	Q13131
Immunogen	Synthetic peptide of Human PRKAA1
Raised In	Rabbit
Species Reactivity	Human,Mouse,Rat
Tested Applications	ELISA,WB,IHC;ELISA:1:2000-1:10000,WB:1:200-1:1000,IHC:1:100-1:300
Relevance	The protein encoded by this gene belongs to the ser/thr protein kinase family. It is the catalytic subunit of the 5'-prime-AMP-activated protein kinase (AMPK). AMPK is a cellular energy sensor conserved in all eukaryotic cells. The kinase activity of AMPK is activated by the stimuli that increase the cellular AMP/ATP ratio. AMPK regulates the activities of a number of key metabolic enzymes through phosphorylation. It protects cells from stresses that cause ATP depletion by switching off ATP-consuming biosynthetic pathways. Alternatively spliced transcript variants encoding distinct isoforms have been observed.
Form	Liquid
Conjugate	Non-conjugated
Storage Buffer	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Purification Method	Antigen affinity purification
Isotype	IgG
Species	Homo sapiens (Human)
Target Names	PRKAA1

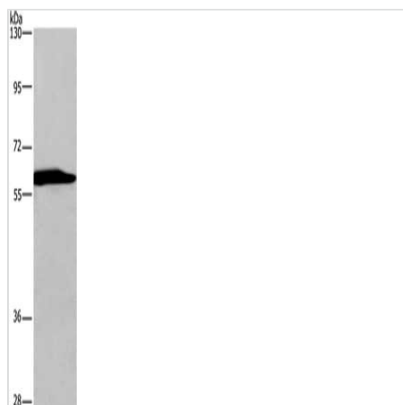
Image



The image on the left is immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using CSB-PA071831(PRKAA1 Antibody) at dilution 1/80, on the right is treated with synthetic peptide. (Original magnification: ×200)



The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using CSB-PA071831(PRKAA1 Antibody) at dilution 1/80, on the right is treated with synthetic peptide. (Original magnification: $\times 200$)



Gel: 6%SDS-PAGE, Lysate: 40 μ g, Lane: NIH/3T3 cells, Primary antibody: CSB-PA071831(PRKAA1 Antibody) at dilution 1/200, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 1 minute