



# PRKACB Antibody

<b>Product Code</b>	CSB-PA018689GA01HU
<b>Storage</b>	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
<b>Uniprot No.</b>	P22694
<b>Immunogen</b>	Human PRKACB
<b>Raised In</b>	Rabbit
<b>Species Reactivity</b>	Human,Mouse,Rat
<b>Tested Applications</b>	ELISA,WB,IHC
<b>Storage Buffer</b>	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3. -20°C, Avoid freeze / thaw cycles.
<b>Purification Method</b>	Antigen Affinity Purified
<b>Isotype</b>	IgG
<b>Alias</b>	protein kinase, cAMP-dependent, catalytic, beta;PRKACB;DKFZp781I2452;MGC41879;MGC9320;PKACB ;
<b>Product Type</b>	Purified Rabbit Anti human PolyClonal Antibody
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Target Names</b>	PRKACB
<b>Target Details</b>	cAMP is a signaling molecule important for a variety of cellular functions. cAMP exerts its effects by activating the cAMP-dependent protein kinase, which transduces the signal through phosphorylation of different target proteins. The inactive kinase holoenzyme is a tetramer composed of two regulatory and two catalytic subunits. cAMP causes the dissociation of the inactive holoenzyme into a dimer of regulatory subunits bound to four cAMP and two free monomeric catalytic subunits. Four different regulatory subunits and three catalytic subunits have been identified in humans. This protein is a member of the Ser/Thr protein kinase family and is a catalytic subunit of cAMP-dependent protein kinase. Three alternatively spliced transcript variants encoding distinct isoforms have been observed.