



# Anti-CSNK2A1 polyclonal antibody (CPBT-66550RH)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	This product is specific for human casein kinase II (CKII), alpha polypeptide. CKII is a ubiquitous protein kinase which localises to the endoplasmic reticulum and Golgi apparatus. CKII is composed of three subunits (alpha, alpha prime and beta) which form a tetrameric holoenzyme. The alpha and alpha prime subunits are catalytic. CKII is involved in the regulation of numerous pathways, including signal transduction, cell cycle and some metabolic pathways
<b>Specificity</b>	CSNK2A1
<b>Immunogen</b>	Synthetic peptide corresponding to a region of human CKII alpha encoded within exon 3.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB
<b>Format</b>	Purified IgG - liquid
<b>Size</b>	50 µg
<b>Preservative</b>	0.09% Sodium Azide
<b>Storage</b>	in frost free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

# GENE INFORMATION

Gene Name	<a href="#">CSNK2A1 casein kinase 2, alpha 1 polypeptide [ Homo sapiens (human) ]</a>
Official Symbol	CSNK2A1
Synonyms	CSNK2A1; casein kinase 2, alpha 1 polypeptide; CKII; CK2A1; CSNK2A3; casein kinase II subunit alpha; CK II alpha 3; protein kinase CK2; CK2 catalytic subunit alpha; casein kinase II alpha 1 subunit; casein kinase II alpha 1 polypeptide pseudogene;
Entrez Gene ID	<a href="#">1457</a>
Protein Refseq	<a href="#">NP_001886</a>
UniProt ID	P68400
Chromosome Location	20p13
Pathway	Adherens junction; Alpha-synuclein signaling; Axon guidance; BCR signaling pathway; BDNF signaling pathway; Cell Cycle; Cell Cycle, Mitotic; Condensation of Prometaphase Chromosomes;
Function	ATP binding; Hsp90 protein binding; protein N-terminus binding; protein binding; protein serine/threonine kinase activity;