



# Anti-CSNK1D (aa 310-327) polyclonal antibody (CPBT-66549GH)

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 1 delta, also known as protein kinase CK1 delta. The casein kinase 1 family of protein kinases is common to all eukaryotic cells, although tissue distribution and subcellular localisation may vary between isoforms. Casein kinase 1 delta has been implicated in the regulation of p53. Upregulation of casein kinase 1 delta expression has been reported in Alzheimers disease hippocampus and its association with tau-containing bodies suggests that it may play a role in the abnormal phosphorylation of tau.
<b>Specificity</b>	CASEIN KINASE 1 DELTA
<b>Immunogen</b>	Synthetic peptide corresponding to amino acids 310 - 327 of human casein kinase 1 delta
<b>Isotype</b>	IgG
<b>Source/Host</b>	Goat
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA; IHC-P
<b>Format</b>	Serum - liquid
<b>Size</b>	100 µl
<b>Preservative</b>	0.1% Sodium Azide
<b>Storage</b>	in frost-free freezers is not recommended. This product should be stored undiluted. 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="#">CSNK1D casein kinase 1, delta [ Homo sapiens (human) ]</a>
Official Symbol	CSNK1D
Synonyms	CSNK1D; casein kinase 1, delta; ASPS; HCKID; FASPS2; CKIdelta; casein kinase I isoform delta; CKId; CKI-delta; tau-protein kinase CSNK1D; CASEIN KINASE 1 DELTA;
Entrez Gene ID	<a href="#">1453</a>
Protein Refseq	<a href="#">NP_001884</a>
UniProt ID	P48730
Chromosome Location	17q25
Pathway	Anchoring of the basal body to the plasma membrane; Assembly of the primary cilium; Canonical Wnt signaling pathway; Cell Cycle; Cell Cycle, Mitotic; Centrosome maturation; Circadian Clock; Circadian rhythm;
Function	ATP binding; glycoprotein binding; peptide binding; phosphoprotein binding; protein binding; protein kinase activity; protein serine/threonine kinase activity; tau-protein kinase activity;