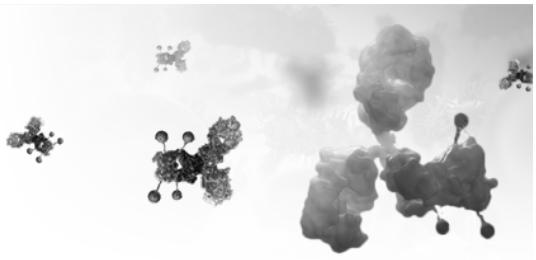

Human STK36 blocking peptide (CDBP2849)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-STK36 antibody
Antigen Description	This gene encodes a member of the serine/threonine kinase family of enzymes. This family member is similar to a Drosophila protein that plays a key role in the Hedgehog signaling pathway. This human protein is a positive regulator of the GLI zinc-finger transcription factors. Knockout studies of the homologous mouse gene suggest that defects in this human gene may lead to congenital hydrocephalus, possibly due to a functional defect in motile cilia. Because Hedgehog signaling is frequently activated in certain kinds of gastrointestinal cancers, it has been suggested that this gene is a target for the treatment of these cancers. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Aug 2011]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	STK36 serine/threonine kinase 36 [Homo sapiens]
Official Symbol	STK36

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Synonyms	STK36; serine/threonine kinase 36; serine/threonine kinase 36 (fused homolog, Drosophila); serine/threonine-protein kinase 36; FU; fused homolog (Drosophila); KIAA1278; fused homolog; DKFZp434N0223;
Entrez Gene ID	27148
mRNA Refseq	NM_001243313
Protein Refseq	NP_001230242
UniProt ID	Q9NRP7
Chromosome Location	2q35
Pathway	Basal cell carcinoma, organism-specific biosystem; Basal cell carcinoma, conserved biosystem; Hedgehog Signaling Pathway, organism-specific biosystem; Hedgehog signaling events mediated by Gli proteins, organism-specific biosystem; Hedgehog signaling pathway, organism-specific biosystem; Hedgehog signaling pathway, conserved biosystem; Pathways in cancer, organism-specific biosystem;
Function	ATP binding; ATP binding; magnesium ion binding; nucleotide binding; protein binding; protein serine/threonine kinase activity; protein serine/threonine kinase activity; transcription factor binding;

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