



Anti-STK36 polyclonal antibody (DPAB-DC1356)

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

PRODUCT INFORMATION

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.
Immunogen	A synthetic peptide corresponding to human STK36. The sequence is C-QSLPHSSPRPASAK
Source/Host	Goat
Species Reactivity	Human
Purification	Antigen affinity purification
Conjugate	Unconjugated
Applications	ELISA,
Format	Liquid
Concentration	0.5 mg/mL
Size	100 µg
Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Preservative	0.02% Sodium Azide

Storage

Store at -20°C. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	STK36 serine/threonine kinase 36 [Homo sapiens (human)]
Official Symbol	STK36
Synonyms	STK36; serine/threonine kinase 36; FU; serine/threonine-protein kinase 36; fused homolog;
Entrez Gene ID	27148
Protein Refseq	NP_001230242
UniProt ID	Q9NRP7
Chromosome Location	2q35
Pathway	Basal cell carcinoma; Hedgehog signaling events mediated by Gli proteins; Pathways in cancer;
Function	ATP binding; magnesium ion binding; protein binding; protein serine/threonine kinase activity
