

Anti-STK36 antibody



Description	Rabbit polyclonal to STK36.
Model	STJ95827
Host	Rabbit
Reactivity	Human, Mouse
Applications	ELISA, IHC, WB
Immunogen	Synthesized peptide derived from human STK36
Immunogen Region	360-440 aa, Internal
Gene ID	27148
Gene Symbol	STK36
Dilution range	WB 1:500-1:2000IHC 1:100-1:300ELISA 1:5000
Specificity	STK36 Polyclonal Antibody detects endogenous levels of STK36 protein.
Tissue Specificity	Expressed at low levels in most fetal tissues, adult ovaries and at high levels in adult testis, where it is localized in germ cells.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Serine/threonine-protein kinase 36 Fused homolog
Molecular Weight	170 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:17209OMIM:607652
Alternative Names	Serine/threonine-protein kinase 36 Fused homolog
Function	Serine/threonine protein kinase which plays an important role in the sonic hedgehog (Shh) pathway by regulating the activity of GLI transcription factors . Controls the activity of the transcriptional regulators GLI1, GLI2 and GLI3 by opposing the effect of SUFU and promoting their nuclear localization . GLI2 requires an additional function of STK36 to become transcriptionally active, but the enzyme does not need to possess an active kinase catalytic site for this to occur . Required for postnatal development, possibly by regulating the homeostasis of cerebral spinal fluid or ciliary function . Essential for construction of the central pair apparatus of motile cilia.
Cellular Localization	Cytoplasm Nucleus. Low levels also present in the nucleus.