Immunotag™ STK31 Polyclonal Antibody

Antibody Specification

Catalog No.	ITN1256
Product Description	Immunotag™ STK31 Polyclonal Antibody
Size	50 μg, 100 μg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	STK31
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Reactive Species	Human
Host Species	Rabbit
Immunogen	Synthesized peptide derived from human protein . at AA range: 450-530
Specificity	STK31 Polyclonal Antibody detects endogenous levels of protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Gene Name	STK31 SGK396
Accession No.	Q9BXU1 Q99MW1
Description	serine/threonine kinase 31(STK31) Homo sapiens This gene is similar to a mouse gene that encodes a putative protein kinase with a tudor domain, and shows testis-specific expression. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008],
Protein Expression	Testis,

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Subcellular Localization	acrosomal vesicle,nucleus,cytoplasm,
Protein Function	catalytic activity:ATP + a protein = ADP + a phosphoprotein.,caution:Ser-854 is present instead of the conserved Asp which is expected to be an active site residue.,similarity:Belongs to the protein kinase superfamily. Ser/Thr protein kinase family.,similarity:Contains 1 protein kinase domain.,similarity:Contains 1 Tudor domain.,tissue specificity:Testis specific.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.