

Immunotag™ GRK 5 Polyclonal Antibody

Antibody Specification	
Catalog No.	ITT2070
Product Description	Immunotag™ GRK 5 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	GRK 5
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC-p,ELISA
Recommended Dilution	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	Synthesized peptide derived from GRK 5, at AA range: 320-400
Specificity	GRK 5 Polyclonal Antibody detects endogenous levels of GRK 5 protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Gene Name	GRK5
Accession No.	P34947 Q8VEB1 Q62833
Alternate Names	GRK5; GPRK5; G protein-coupled receptor kinase 5; G protein-coupled receptor kinase GRK5

Antibody Specification

Description	G protein-coupled receptor kinase 5(GRK5) Homo sapiens This gene encodes a member of the guanine nucleotide-binding protein (G protein)-coupled receptor kinase subfamily of the Ser/Thr protein kinase family. The protein phosphorylates the activated forms of G protein-coupled receptors thus initiating their deactivation. It has also been shown to play a role in regulating the motility of polymorphonuclear leukocytes (PMNs). [provided by RefSeq, Jul 2008],
Cell Pathway/ Category	Chemokine,Endocytosis,
Protein Expression	PCR rescued clones,Prostate,
Subcellular Localization	nucleus,cytoplasm,plasma membrane,focal adhesion,nuclear membrane,
Protein Function	catalytic activity:ATP + [G-protein-coupled receptor] = ADP + [G-protein-coupled receptor] phosphate.,function:Specifically phosphorylates the activated forms of G protein-coupled receptors.,similarity:Belongs to the protein kinase superfamily. AGC Ser/Thr protein kinase family. GPRK subfamily.,similarity:Contains 1 AGC-kinase C-terminal domain.,similarity:Contains 1 protein kinase domain.,similarity:Contains 1 RGS domain.,tissue specificity:Highest levels in heart, placenta, lung > skeletal muscle > brain, liver, pancreas > kidney.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.