

Immunotag™ GRK4 Antibody

Antibody Specification	
Catalog No.	ITA4040
Product Description	Immunotag™ GRK4 Antibody
Size	100 µg, 200 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	GRK4
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	WB 1:1000-3000
Concentration	1 mg/ml
Reactive Species	Human
Host Species	Rabbit
Immunogen	A synthesized peptide
Specificity	GRK4 Antibody detects endogenous levels of total GRK4
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	GRK4
Accession No.	P32298
Alternate Names	G protein coupled receptor kinase 4; G protein-coupled receptor kinase 2 (Drosophila)-like; G protein-coupled receptor kinase 4; G protein-coupled receptor kinase GRK4; G proteinm coupled receptor kinase GRK4; GPRK2L; GPRK4; GRK4; GRK4_HUMAN; GRK4a; ITI1;

Antibody Specification

Description	Specifically phosphorylates the activated forms of G protein-coupled receptors. GRK4-alpha can phosphorylate rhodopsin and its activity is inhibited by calmodulin; the other three isoforms do not phosphorylate rhodopsin and do not interact with calmodulin. GRK4-alpha and GRK4-gamma phosphorylate DRD3. Phosphorylates ADRB2.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	66 KD
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.