

MaxPab®

GRK4 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00002868-B01P

Size 500 ug

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human GRK4 protein.
Immunogen	GRK4 (ADR83217.1, 1 a.a. ~ 578 a.a) full-length human protein.
Sequence	MELENVANSLLLKARQGGYGKKSGRSKKWKEILTPPVSQCSSELRHSIEKDYSSLCDKQPIGRRL FRQFCDTKPTLKRHIEFLDAVAEYEVADDEDRSDCGLSILDRFFNDKLAAPLPEIPPDVVTECRLG LKEENPSKKAFFECTRVAHNYLRGEPFEEYQESSYFSQFLQWKWLERQPVTKNTFRHYRVLGKG GFGEVCACQVRATGKMYACKKLQKKRIKKRKGAMALNEKRILEKVQSRFVVSLEYAYETKDAL CLVLTIMNGGDLKFHIYNLGNPGFDEQRAVFYAAELCCGLEDLQRERIVYRDLKPENILLDDRGHIRI SDLGLATEIPEGQVRVGRVGTGYMAPEVVNNEKYTFSPDWWGLGCLYEMIQGHSPFKKYKEKV KWEEVDQRIKNDTEEYSEKFSEDAKSICRMLLTKNPSKRLGCRGEAAGVKQHPVFKDINFRRL ANMLEPPFCPDPHAVYCKDVLIDIEQFSAVKGYLDTADEDYARFATGCVSIPWQNEMIESGCFK DINKSESEEALPLDLDKNIHTPVSRPNRGFFYRLFRRGGCLTMVPSEKEVEPKQC
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (75); Rat (75)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

Gene Info — GRK4

Entrez GeneID	2868
GeneBank Accession#	HQ258463.1
Protein Accession#	ADR83217.1
Gene Name	GRK4
Gene Alias	GPRK2L, GPRK4, GRK4a, IT11
Gene Description	G protein-coupled receptor kinase 4
Omim ID	137026
Gene Ontology	Hyperlink
Gene Summary	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 its deactivation. This gene has been linked to both genetic and acquired hypertension. [provided by RefSeq]
Other Designations	G protein-coupled receptor kinase 2-like G-protein coupled receptor kinase 4

Pathway

- [Chemokine signaling pathway](#)
- [Endocytosis](#)

Disease

- [Asthma](#)
- [Atherosclerosis](#)
- [Calcinosis](#)
- [Cardiovascular Diseases](#)
- [Coronary Artery Disease](#)
- [Diabetes Mellitus](#)

- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hyperparathyroidism](#)
- [Hypertension](#)
- [Hypertrophy](#)
- [Kidney Failure](#)
- [Pre-Eclampsia](#)
- [Tachycardia](#)