



## Anti-GRK4 (aa 36-145) polyclonal antibody (DPAB-DC1442)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

<b>Antigen Description</b>	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. Several transcript variants encoding different isoforms have been found for this gene.
<b>Immunogen</b>	GRK4 (NP_892027, 36 a.a. ~ 145 a.a) partial recombinant protein with GST tag. The sequence is  LPPVSQCSELRHSIEKDYSSLCDKQPIGRRLFHQFCDTKPTLKRHIEFLDAVAEYEVADD EDRSDCGLSILDFFNDKLAAPLPEIPPDVVTCECRLGLKEENPSKKAFEE
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Cell lysate), WB (Recombinant protein), ELISA,
<b>Size</b>	50 µl
<b>Buffer</b>	50 % glycerol
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

### GENE INFORMATION

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<b>Gene Name</b>	<a href="#">GRK4 G protein-coupled receptor kinase 4 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	GRK4
<b>Synonyms</b>	GRK4; G protein-coupled receptor kinase 4; IT11; GPRK4; GRK4a; GPRK2L; ITI1;
<b>Entrez Gene ID</b>	<a href="#">2868</a>
<b>Protein Refseq</b>	<a href="#">NP_001004056</a>
<b>UniProt ID</b>	<a href="#">P32298</a>
<b>Chromosome Location</b>	4p16.3
<b>Pathway</b>	Calcium Regulation in the Cardiac Cell; Endocytosis; Myometrial Relaxation and Contraction Pathways.
<b>Function</b>	ATP binding; G-protein coupled receptor kinase activity; rhodopsin kinase activity;

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