

## Product datasheet for **TA336189**

### GRK4 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for Anti-GRK4 Antibody: synthetic peptide directed towards the middle region of human GRK4. Synthetic peptide located within the following region: QSRFVSLAYAYETKDALCLVLTIMNGGDLKFHIYNLGNPGFDEQRAVFY
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	59 kDa
Gene Name:	G protein-coupled receptor kinase 4
Database Link:	<a href="#">NP_001004057</a> <a href="#">Entrez Gene 2868 Human</a> <a href="#">P32298</a>



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<b>Background:</b>	GRK4 is 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. GRK4 has been linked to both genetic and acquired hypertension. 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.
<b>Synonyms:</b>	GPRK2L; GPRK4; GRK4a; IT11
<b>Note:</b>	Immunogen Sequence Homology: Horse: 100%; Human: 100%; Rabbit: 100%; Dog: 93%; Pig: 93%; Rat: 93%; Guinea pig: 93%; Zebrafish: 86%; Mouse: 79%; Bovine: 79%
<b>Protein Families:</b>	Druggable Genome, Protein Kinase
<b>Protein Pathways:</b>	Chemokine signaling pathway, Endocytosis

**Product images:**

WB Suggested Anti-GRK4 Antibody Titration: 0.2-1 ug/ml; Positive Control: Jurkat cell lysate