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## anti-GRK4 antibody (C-Term)

**Images** 



**Publications** 



Overview

Alternative Name:

Quantity:	400 μL
Target:	GRK4
Binding Specificity:	AA 549-577, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GRK4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))
Product Details	
Immunogen:	This GRK4 antibody is generated from rabbits immunized with a KLH conjugated synthetic
	peptide between 549-577 amino acids from the C-terminal region of human GRK4.
Clone:	RB0901
Isotype:	lg Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by
	dialysis against PBS.
Target Details	
Target:	GRK4

**GRK4 (GRK4 Products)** 

### **Target Details**

Storage:

Expiry Date:

Background:	Protein kinases are enzymes that transfer a phosphate group from a phosphate donor,
	generally the g phosphate of ATP, onto an acceptor amino acid in a substrate protein. By this
	basic mechanism, protein kinases mediate most of the signal transduction in eukaryotic cells,
	$regulating \ cellular \ metabolism, \ transcription, \ cell \ cycle \ progression, \ cytoskelet al \ rearrangement$
	and cell movement, apoptosis, and differentiation. With more than 500 gene products, the
	protein kinase family is one of the largest families of proteins in eukaryotes. The family has
	been classified in 8 major groups based on sequence comparison of their tyrosine (PTK) or
	serine/threonine (STK) kinase catalytic domains. The AGC kinase group consists of 63 kinases
	including the cyclic nucleotide-regulated protein kinase (PKA & PKG) family, the diacylglycerol-
	activated/phospholipid-dependent protein kinase C (PKC) family, the related to PKA and PKC
	(RAC/Akt) protein kinase family, the kinases that phosphorylate G protein-coupled receptors
	family (ARK), and the kinases that phosphorylate ribosomal protein S6 family (RSK).
Molecular Weight:	66583
NCBI Accession:	NP_001004056, NP_001004057, NP_892027
UniProt:	P32298
Pathways:	Myometrial Relaxation and Contraction, Regulation of G-Protein Coupled Receptor Protein
	Signaling
Application Details	
Application Notes:	WB: 1:1000. IHC-P: 1:10~50
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.

4 °C,-20 °C

6 months

Product cited in:

Tekin, Erden, Ozyalin, Cigremis, Colak, Sandal: "The effects of intracerebroventricular infusion of irisin on feeding behaviour in rats." in: **Neuroscience letters**, Vol. 645, pp. 25-32, (2017) ( PubMed).

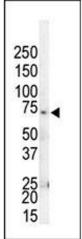
There are more publications referencing this product on: Product page

#### **Images**



#### **Immunohistochemistry (Paraffin-embedded Sections)**

**Image 1.** Formalin-fixed and paraffin-embedded human testis tissue reacted with GRK4 antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.



#### **Western Blotting**

**Image 2.** Western blot analysis of anti-GRK4 Pab (ABIN1882085 and ABIN2841170) in HL60 cell lysate. GRK4 (arrow) was detected using purified Pab. Secondary HRP-anti-rabbit was used for signal visualization with chemiluminescence.