

Rabbit GRK1 Polyclonal Antibody | anti-GRK1 antibody

GRK1 Antibody

CATALOG # AAA170787	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
-------------------------------	-----------------------	--	---

PRODUCT SYNONYMS

GRK1; Polyclonal Antibody; GRK1 Antibody; RK; RHOK; GPRK1; anti-GRK1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1mg/mL (varies by lot)
Sequence Length	53
Applicable Applications for anti-GRK1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide of human GRK1
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-84290 / sc-84291 / sc-13078 / sc-561
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human esophagus cancer tissue using GRK1 antibody.



WB (Western Blot)

Western blot analysis of extracts of Mouse spleen tissue lysate, using GRK1 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-GRK1 antibody

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 rhodopsin and initiates its deactivation. Defects in GRK1 are known to cause Oguchi disease 2 (also known as stationary night blindness Oguchi type-2). Retina-specific kinase involved in the signal turnoff via phosphorylation of rhodopsin (RHO), the G protein- coupled receptor that initiates the phototransduction cascade. This rapid desensitization is essential for scotopic vision and permits rapid adaptation to changes in illumination.

NCBI AND UNIPROT INFORMATION

NCBI GI #	456368276
Molecular Weight	6,319 Da
NCBI Official Full Name	GRK1, partial
UniProt Protein Name	GRK1
UniProt Gene Name	GRK1
UniProt Entry Name	M1SPR7_PANTR

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/grk1-antibody-immunohistochemistry-western-blot-elisa/170787>