

Rabbit GRK1 Antibody | anti-GRK1 antibody

GRK1 Antibody

CATALOG # AAA267188	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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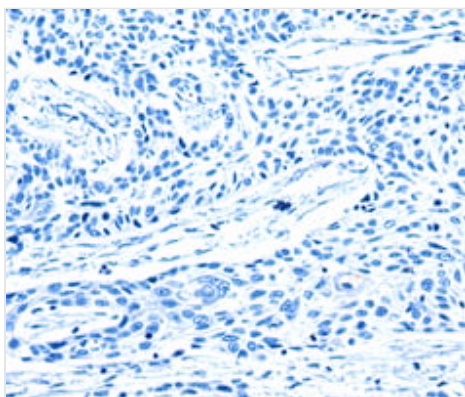
PRODUCT SYNONYMS

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

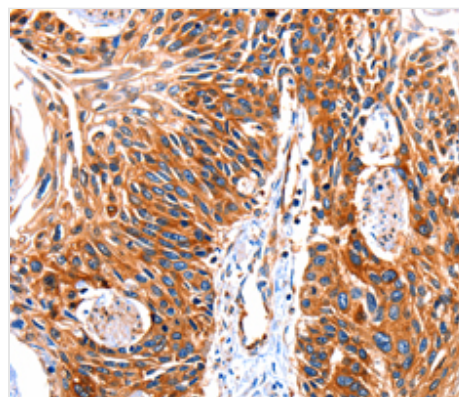
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Isotype	IgG
Purity/Purification	Affinity purification
Sequence Length	563
Applicable Applications for anti-GRK1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide of human GRK1
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Preparation and Storage	Store at -20 degree C or -80 degree C. Avoid freeze/thaw cycles.

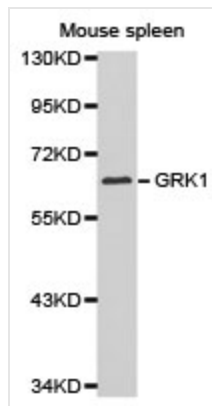
IMAGES


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.



Application Data

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.
Product Categories/Family for anti-GRK1 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506529
NCBI GeneID	6011
NCBI Accession #	NP_002920.1
NCBI GenBank Nucleotide #	NM_002929.2
UniProt Accession #	Q15835; Q53X14
Molecular Weight	63.5kDa
NCBI Official Full Name	rhodopsin kinase
NCBI Official Synonym Full Names	G protein-coupled receptor kinase 1
NCBI Official Symbol	GRK1
NCBI Official Synonym Symbols	RK; RHOK; GPRK1
NCBI Protein Information	rhodopsin kinase
UniProt Protein Name	Rhodopsin kinase
UniProt Gene Name	GRK1
UniProt Synonym Gene Names	RK

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.