

Rabbit anti-Human GRK4 Polyclonal Antibody | anti-GRK4 antibody

GRK4 Antibody

CATALOG # AAA305913	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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PRODUCT SYNONYMS

GRK4; Polyclonal Antibody; GRK4 Antibody; G protein-coupled receptor kinase 4; IT11; GPRK4; GRK4a; GPRK2L; anti-GRK4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total GRK4 protein.
Form/Format	Supplied at 1.4mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.3, 0.05% sodium azide and 50% glycerol.
Sequence Length	2152
Applicable Applications for anti-GRK4 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Recombinant protein
Immunogen Description	Fusion protein corresponding to a region derived from 36-145 amino acids of human G protein-coupled receptor kinase 4
Target Name	GRK4
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded human liver cancer tissue using 31076 (GRK4 Antibody) at dilution 1/40, on the right is treated with the fusion protein.



Application Data

Gel: 10%SDS-PAGE Lane1: Hela cell lysate Lane2: Jurkat cell lysate Lysates: 40 ug per lane Primary antibody: 1/700 dilution Secondary antibody: Goat anti Rabbit IgG - H&L (HRP) at 1/10000 dilution Exposure time: 40 seconds

ADDITIONAL INFORMATION

Related Product Information for anti-GRK4 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 the activated forms of G protein-coupled receptors thus initiating its deactivation. This gene has been linked to both genetic and acquired hypertension. Specifically phosphorylates the activated forms of G protein-coupled receptors. GRK4-alpha can phosphorylate rhodopsin and its activity is inhibited by calmodulin; the other three isoforms do not phosphorylate rhodopsin and do not interact with calmodulin. GRK4-alpha and GRK4-gamma phosphorylate DRD3. Phosphorylates ADRB2.
Product Categories/Family for anti-GRK4 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	109658873
NCBI GeneID	2868
Molecular Weight	61,216 Da
NCBI Official Full Name	Homo sapiens G protein-coupled receptor kinase 4, mRNA
NCBI Official Synonym Full Names	G protein-coupled receptor kinase 4
NCBI Official Symbol	GRK4
NCBI Official Synonym Symbols	IT11; GPRK4; GRK4a; GPRK2L
NCBI Protein Information	G protein-coupled receptor kinase 4
UniProt Protein Name	G protein-coupled receptor kinase 4
UniProt Gene Name	GRK4
UniProt Synonym Gene Names	GPRK2L; GPRK4
UniProt Entry Name	GRK4_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/grk4-antibody-immunohistochemistry-western-blot-elisa/305913>