

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

GRK4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA230050	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

GRK4; Polyclonal Antibody; GRK4 Antibody; G protein-coupled receptor kinase 4 (EC 2.7.11.16) (G protein-coupled receptor kinase GRK4) (IT11); GPRK2L GPRK4; anti-GRK4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	546
Applicable Applications for anti-GRK4 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant human G protein-coupled receptor kinase 4 protrin (1-245AA)
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300; Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-564 / sc-13079 / sc-1016
Research Area	Signal Transduction
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



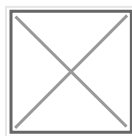
IF (Immunofluorescence)

Immunofluorescent analysis of PC3 cells using AAA230050 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



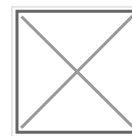
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver cancer using AAA230050 at dilution 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human testis using AAA230050 at dilution 1:100



WB (Western Blot)

Western blotAll lanes: GRK4 antibody at 2ug/ml+Jurkat whole cell lysateSecondaryGoat polyclonal to rabbit at 1/10000 dilutionPredicted band size: 67,64,58,62 kDaObserved band size: 67 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-GRK4 antibody	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.
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	51873045
NCBI GeneID	2868
NCBI Accession #	NP_001004056.1
NCBI GenBank Nucleotide #	NM_001004056.1
UniProt Accession #	P32298; O00641; O00642; Q13293; Q13294; Q13295; Q14453; Q14725; Q15313; Q15314; Q15315; Q15316
Molecular Weight	61,216 Da
NCBI Official Full Name	G protein-coupled receptor kinase 4 isoform beta
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/grk4-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/230050>