

GRK5 Polyclonal Antibody | anti-GRK5 antibody

Anti-GRK5 Antibody

CATALOG # AAA46467	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
------------------------------	--	---

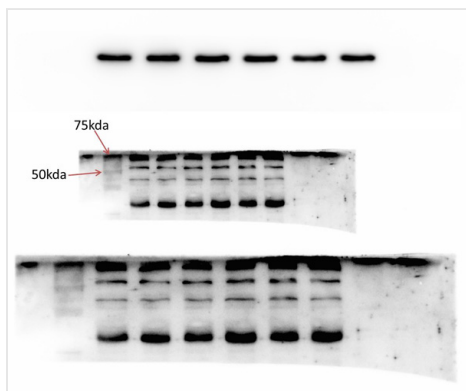
PRODUCT SYNONYMS

GRK5; Polyclonal Antibody; Anti-GRK5 Antibody; G protein-coupled receptor kinase 5; FLJ39780; FP2025; G protein coupled receptor kinase 5; G protein coupled receptor kinase GRK5; G protein-coupled receptor kinase GRK5; GPRK5; GRK-pan; GRK5_HUMAN; Pan-GRK; anti-GRK5 antibody

PRODUCT SPECIFICATIONS

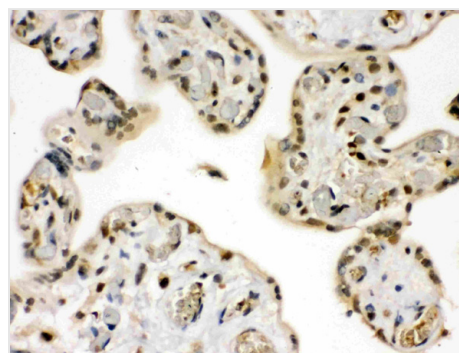
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Immunogen Affinity Purified
Form/Format	Lyophilized. Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg NaN ₃ .
Sequence Length	590
Applicable Applications for anti-GRK5 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human GRK5 (393-429aa KREEVDRRVLETEEVYSHKFSEEAKSICKMLLTAK), different from the related mouse and rat sequences by three amino acids.
Ig Type	Rabbit IgG
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquoted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



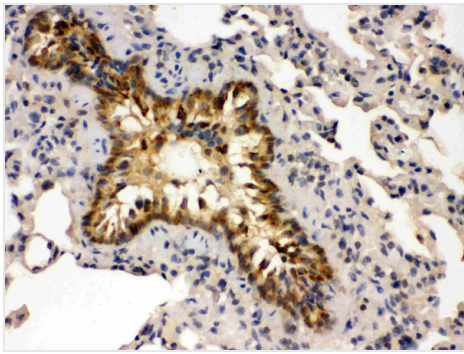
WB (Western Blot)

Applications: Western Blot Sample: Rat endothelial cells Detection: Kodak Image Station 4000R Pro; Thermo Scientific West Femto Maximum Sensitivity Substrate "After using this antibody for western blot to analyze rat endothelial cells' protein, I found AAA46467 Anti-GRK5 antibody worked very well. The blot of 68 Kda can be seen, however, we can see another 3 blots at least. In a word, Anti GRK5 (PB 9708) is useful and good. The blot of 68 Kda can be detected."

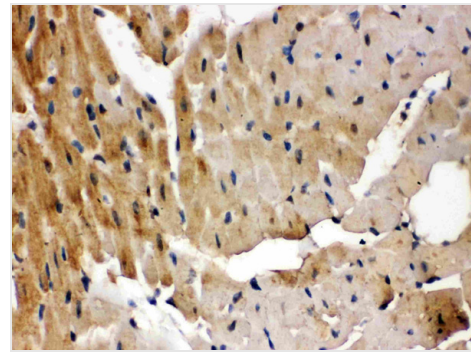


IHC (Immunohistochemistry)

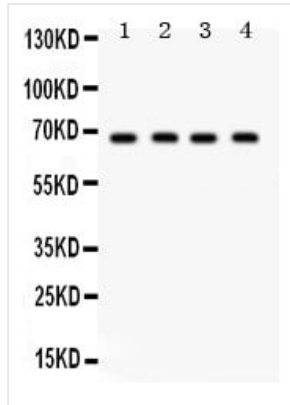
Anti- GRK5 Picoband antibody, AAA46467, IHC(P) IHC(P): Human Placenta Tissue



IHC (Immunohistochemisry)
Anti- GRK5 Picoband antibody, AAA46467,IHC(P)IHC(P): Mouse Lung Tissue



IHC (Immunohiostchemistry)
Anti- GRK5 Picoband antibody, AAA46467,IHC(P)IHC(P): Rat Cardiac Muscle Tissue



WB (Western Blot)
Anti- GRK5 Picoband antibody, AAA46467, Western blottingAll lanes: Anti GRK5 (AAA46467)
at 0.5ug/mlLane 1: Rat Lung Tissue Lysate at 50ugLane 2: HELA Whole Cell Lysate at
40ugLane 3: HEPG2 Whole Cell Lysate at 40ugLane 4: SMMC Whole Cell Lysate at
40ugPredicted bind size: 68KDObserved bind size: 68KD

ADDITIONAL INFORMATION

Related Product Information for anti-GRK5 antibody	Description: Rabbit IgG polyclonal antibody for G protein-coupled receptor kinase 5(GRK5) detection. Tested with WB, IHC-P in Human;Rat;Mouse. Background: G protein-coupled receptor kinase 5 is an enzyme that in humans is encoded by the GRK5 gene. It is mapped to 10q26.11. 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 their deactivation. It has also been shown to play a role in regulating the motility of polymorphonuclear leukocytes (PMNs).
References	1. "Entrez Gene: GRK5 G protein-coupled receptor kinase 5". 2. Bullrich F, Druck T, Kunapuli P, et al. (1995). "Chromosomal mapping of the genes GPRK5 and GPRK6 encoding G protein-coupled receptor kinases GRK5 and GRK6.". Cytogenet. Cell Genet. 70 (3-4): 250-4. 3. Kunapuli P, Benovic JL (Jul 1993). "Cloning and expression of GRK5: a member of the G protein-coupled receptor kinase family". Proc Natl Acad Sci U S A 90 (12): 5588-92.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885349
NCBI GeneID	2869
NCBI Accession #	NP_005299.1
NCBI GenBank Nucleotide #	NM_005308.2
UniProt Accession #	P34947; Q5T059; D3DRD0
Molecular Weight	67,787 Da

NCBI Official Full Name	G protein-coupled receptor kinase 5
NCBI Official Synonym Full Names	G protein-coupled receptor kinase 5
NCBI Official Symbol	GRK5
NCBI Official Synonym Symbols	GPRK5
NCBI Protein Information	G protein-coupled receptor kinase 5
UniProt Protein Name	G protein-coupled receptor kinase 5
UniProt Gene Name	GRK5
UniProt Synonym Gene Names	GPRK5
UniProt Entry Name	GRK5_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/grk5-antibody-immunohistochemistry-western-blot-elisa/46467>