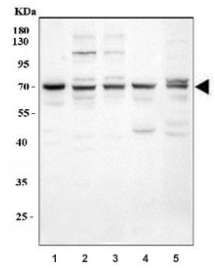
GRK5 Antibody (R32073)

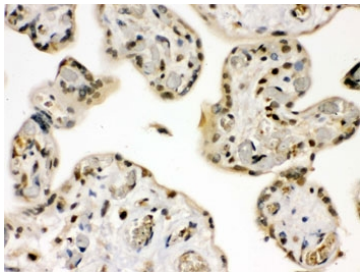
Catalog No.	Formulation	Size
R32073	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

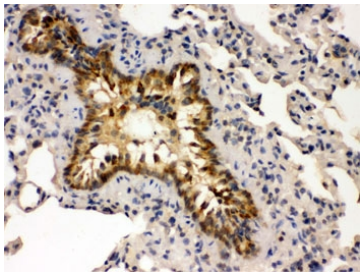
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
UniProt	P34947
Localization	Nuclear, cytoplasmic
Applications	Western blot: 0.1-0.5ug/ml Immunohistochemistry (FFPE): 0.5-1ug/ml
Limitations	This GRK5 antibody is available for research use only.



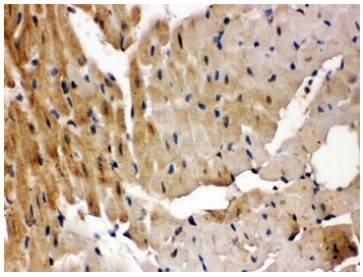
Western blot testing of 1) human HepG2, 2) human HeLa, 3) human A549, 4) rat heart and 5) mouse heart tissue lysate with GRK5 antibody. Expected molecular weight ~68 kDa.



IHC testing of FFPE human placenta with GRK5 antibody. HIER: Boil the paraffin sections in pH 6, 10mM citrate buffer for 20 minutes and allow to cool prior to staining.



IHC testing of FFPE mouse lung with GRK5 antibody. HIER: Boil the paraffin sections in pH 6, 10mM citrate buffer for 20 minutes and allow to cool prior to staining.



IHC testing of FFPE rat heart with GRK5 antibody. HIER: Boil the paraffin sections in pH 6, 10mM citrate buffer for 20 minutes and allow to cool prior to staining.

Description

G protein-coupled receptor kinase 5 is an enzyme that in humans is encoded by the GRK5 gene. 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).

Application Notes

Optimal dilution of the GRK5 antibody should be determined by the researcher.

Immunogen

Amino acids KREEVDRRVLETEEVYSHKFSEEAKSICKMLLTKDAK of human GRK5 were used as the immunogen for the GRK5 antibody.

Storage

After reconstitution, the GRK5 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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