

Datasheet for ABIN7295808  
**anti-GRK5 antibody (Center)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µL
Target:	GRK5
Binding Specificity:	Center
Reactivity:	Human, Mouse, Rat, Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GRK5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP)

## Product Details

Immunogen:	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human GRK5.
Specificity:	Recognizes endogenous levels of GRK5 protein.
Characteristics:	Rabbit polyclonal antibody to GRK5
Purification:	The antibody was purified by immunogen affinity chromatography.

## Target Details

Target:	GRK5
Alternative Name:	GRK5 ( <a href="#">GRK5 Products</a> )
Background:	GPRK5, G protein-coupled receptor kinase 5, G protein-coupled receptor kinase GRK5

## Target Details

Gene ID:	2869, 14773, 59075
UniProt:	<a href="#">P34947</a> , <a href="#">Q8VEB1</a> , <a href="#">Q62833</a>
Pathways:	<a href="#">Myometrial Relaxation and Contraction</a> , <a href="#">Regulation of G-Protein Coupled Receptor Protein Signaling</a>

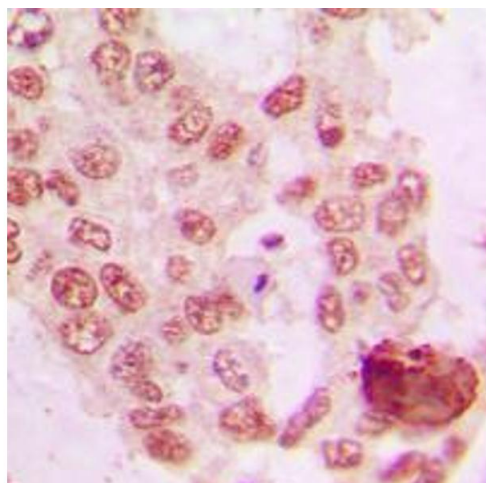
## Application Details

Application Notes:	WB (1:500 - 1:1000), IH (1:100 - 1:200), IP (1:10 - 1:100)
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Expiry Date:	12 months

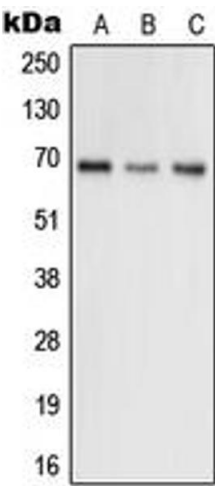
## Validation report #103814 for Western Blotting (WB)



### Immunohistochemistry

**Image 1.** Immunohistochemical analysis of GRK5 staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with

haematoxylin and mounted with DPX.



Western Blotting

**Image 2.** Western blot analysis of GRK5 expression in H9C2 (A), HEK293T (B), HeLa (C) whole cell lysates.