

## Datasheet: VPA00469

<b>Description:</b>	RABBIT ANTI GRK5
<b>Specificity:</b>	GRK5
<b>Format:</b>	Purified
<b>Product Type:</b>	PrecisionAb Polyclonal
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	100 µl

## Product Details

### Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit [www.bio-rad-antibodies.com/protocols](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Western Blotting	■			1/1000

**PrecisionAb antibodies have been extensively [validated for the western blot application](#).** The antibody has been validated at the suggested dilution. Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Further optimization may be required dependant on sample type.

<b>Target Species</b>	Human
<b>Species Cross Reactivity</b>	<p>Reacts with: Mouse</p> <p><b>N.B.</b> Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.</p>
<b>Product Form</b>	Purified IgG - liquid.
<b>Preparation</b>	Rabbit polyclonal antibody purified by affinity chromatography.
<b>Buffer Solution</b>	Phosphate buffered saline.
<b>Preservative Stabilisers</b>	<p>0.09% Sodium Azide (NaN<sub>3</sub>)</p> <p>2% Sucrose.</p>
<b>Immunogen</b>	Synthetic peptide directed towards the middle region of human GRK5

**External Database  
Links**

**UniProt:**

[P34947](#)

[Related reagents](#)

**Entrez Gene:**

[2869](#)

GRK5

[Related reagents](#)

**Synonyms**

GPRK5

**Specificity**

**Rabbit anti Human GRK5 antibody** recognizes GRK5, also known as G protein-coupled receptor kinase 5 or FP2025.

The GRK5 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 ([Fan and Malik 2003](#)) (provided by RefSeq, Jul 2008).

Rabbit anti Human GRK5 antibody detects a band of 63 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

**Western Blotting**

Anti GRK5 detects a band of approximately 63 kDa in HEK293 cell lysates.

**Instructions For Use**

Please refer to the [PrecisionAb western blotting protocol](#).

**Storage**

Store undiluted at -20°C, avoiding repeated freeze thaw cycles

**Guarantee**

As supplied, 12 months from date of despatch.

**Acknowledgements**

PrecisionAb™ is a trademark of Bio-Rad Laboratories.

**Health And Safety  
Information**

Material Safety Datasheet documentation #10045 available at:  
Antibody (10045): <https://www.bio-rad-antibodies.com/uploads/MSDS/10045.pdf>

**Regulatory**

For research purposes only.

## Related Products

### Recommended Secondary Antibodies

Goat Anti Rabbit IgG (H/L) (STAR208...) [HRP](#)

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From March 15, 2021, we will no longer supply printed datasheets with our products.  
Look out for updates on how to access your digital version at [bio-rad-antibodies.com](https://www.bio-rad-antibodies.com)

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