

## Datasheet: AHP479

**BATCH NUMBER 170807**

<b>Description:</b>	RABBIT ANTI GFR ALPHA 2
<b>Specificity:</b>	GFR ALPHA 2
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	0.1 mg

### 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
Flow Cytometry			▪	
Immunohistology - Frozen	▪			
Immunohistology - Paraffin			▪	
ELISA			▪	
Immunoprecipitation			▪	
Western Blotting	▪			1/1000

Where this antibody has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the antibody for use in their own system using appropriate negative/positive controls.

#### Species Cross Reactivity

Reacts with: Rat, Human, Mouse  
**N.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.

**Product Form** Purified IgG - liquid

**Antiserum Preparation** Antisera to human GFR alpha-2 were raised by repeated immunisation of rabbits with highly purified antigen. Purified IgG prepared by ion exchange chromatography.

**Buffer Solution** Phosphate buffered saline

**Preservative** 0.02% Sodium Azide

## Stabilisers

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**Approx. Protein Concentrations** IgG concentration 1 mg/ml

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**Immunogen** Synthetic peptide from C-terminus of human GFR alpha-2.

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## External Database Links

**UniProt:**

[O00451](#)    [Related reagents](#)

**Entrez Gene:**

[2675](#)    GFRA2    [Related reagents](#)

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**Synonyms** GDNFRB, RETL2, TRNR2

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**RRID** AB\_2247568

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**Specificity** **Rabbit anti GFR alpha-2 antibody** recognizes the cell surface receptor for neurturin, designated GFR alpha-2. Neurturin is a member of the GDNF family, and has an important role in the control of vertebrate neuron survival and differentiation. GRF alpha-2 is a ~52 kDa glycoprotein, and is a GPI-linked cell surface receptor.

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## Further Reading

1. Kotzbauer, P.T. *et al.* (1996) Neurturin, a relative of glial-cell-line-derived neurotrophic factor. [Nature. 384 \(6608\): 467-70.](#)
  2. Klein, R.D. *et al.* (1997) A GPI-linked protein that interacts with Ret to form a candidate neurturin receptor. [Nature. 387 \(6634\): 717-21.](#)
  3. Buj-bello, A. *et al.* (1997) Neurturin responsiveness requires a GPI-linked receptor and the Ret receptor tyrosine kinase. [Nature. 387 \(6634\): 721-4.](#)
  4. GFR $\alpha$  Nomenclature Committee (1997) Nomenclature of GPI-linked receptors for the GDNF ligand family. [Neuron 19: 485.](#)
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**Storage** Store at +4°C or at -20°C if preferred.

This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

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**Guarantee** 12 months from date of despatch

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**Health And Safety Information** Material Safety Datasheet documentation #10040 available at: <https://www.bio-rad-antibodies.com/SDS/AHP479>  
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**Regulatory** For research purposes only

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## Related Products

### Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...) [FITC](#)  
Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)  
Sheep Anti Rabbit IgG (STAR35...) [RPE](#)  
Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)

### Recommended Useful Reagents

[TidyBlot WESTERN BLOT DETECTION REAGENT:HRP \(STAR209P\)](#)

<b>North &amp; South America</b>	Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: <a href="mailto:antibody_sales_us@bio-rad.com">antibody_sales_us@bio-rad.com</a>	<b>Worldwide</b>	Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: <a href="mailto:antibody_sales_uk@bio-rad.com">antibody_sales_uk@bio-rad.com</a>	<b>Europe</b>	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: <a href="mailto:antibody_sales_de@bio-rad.com">antibody_sales_de@bio-rad.com</a>
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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://bio-rad-antibodies.com/datasheets)  
'M364231:200529'

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