

Datasheet: AHP479

BATCH NUMBER 171712

Description:	RABBIT ANTI GFR ALPHA 2
Specificity:	GFR ALPHA 2
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	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.

	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

Approx. Protein Concentrations IgG concentration 1 mg/ml

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

External Database Links

UniProt:

[O00451](#) [Related reagents](#)

Entrez Gene:

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

Synonyms GDNFRB, RETL2, TRNR2

RRID AB_2247568

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.

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 α Nomenclature Committee (1997) Nomenclature of GPI-linked receptors for the GDNF ligand family. [Neuron 19: 485.](#)
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Storage

This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.

Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.

Guarantee 12 months from date of despatch

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

Regulatory For research purposes only

Related Products

Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...) [FITC](#)
Sheep Anti Rabbit IgG (STAR35...) [RPE](#)
Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)
Sheep Anti Rabbit IgG (STAR36...) [DyLight®488](#), [DyLight®680](#), [DyLight®800](#)
Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)

Recommended Useful Reagents

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

Product inquiries: www.bio-rad-antibodies.com/technical-support

To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets
'M382377:210513'

Printed on 29 Jan 2026

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