

Datasheet: AHP479

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.

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 Stabilisers 0.02% Sodium Azide

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

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.](#)

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.

Shelf Life 18 months from date of despatch.**Health And Safety Information** Material Safety Datasheet documentation #10040 available at: 10040: <https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf>

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 (H/L) (STAR124...) [HRP](#)
Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)
Sheep Anti Rabbit IgG (2AB02...) [Biotin](#)
Sheep Anti Rabbit IgG (STAR36...) [DyLight®488](#), [DyLight®549](#), [DyLight®649](#),
[DyLight®680](#), [DyLight®800](#)

Recommended Useful Reagents

[TidyBlot™ WESTERN BLOT DETECTION REAGENT:HRP \(STAR209P\)](#)**North & South** Tel: +1 800 265 7376**America** Fax: +1 919 878 3751Email: antibody_sales_us@bio-rad.com**Worldwide**

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