

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. 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 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	<p>UniProt: O00451 Related reagents</p> <p>Entrez Gene: 2675 GFRA2 Related reagents</p>
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	<ol style="list-style-type: none"> 1. Kotzbauer, P.T. <i>et al.</i> (1996) Neurturin, a relative of glial-cell-line-derived neurotrophic factor. Nature. 384 (6608): 467-70. 2. Klein, R.D. <i>et al.</i> (1997) A GPI-linked protein that interacts with Ret to form a candidate neurturin receptor. Nature. 387 (6634): 717-21. 3. Buj-bello, A. <i>et al.</i> (1997) Neurturin responsiveness requires a GPI-linked receptor and the Ret receptor tyrosine kinase. Nature. 387 (6634): 721-4. 4. GFRα Nomenclature Committee (1997) Nomenclature of GPI-linked receptors for the GDNF ligand family. Neuron 19: 485.
Storage	<p>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.</p> <p>Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.</p>
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 10040
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 \(STAR209P\)](#)

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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
'M382377:210513'

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