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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP54575_P050-Biotin
Product Page	www.avivasysbio.com/gfra2-antibody-c-terminal-region-biotin-arp54575-p050-biotin.html
Name	GFRA2 Antibody - C-terminal region : Biotin (ARP54575_P050-Biotin)
Protein Size (# AA)	464 amino acids
Molecular Weight	47kDa
Conjugation	Biotin
NCBI Gene Id	2675
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	GDNF family receptor alpha 2
Alias Symbols	NTNRA, RETL2, TRNR2, GDNFRB, NRTNR-ALPHA
Peptide Sequence	Synthetic peptide located within the following region: NVSPKGPSEQATQAPRVEKTPSLPDDLSDSTSLGTSVITTCSTVQEQGLK
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Lavedan,C., (er) Mol. Psychiatry (2008) In press
Description of Target	<p>Glial cell line-derived neurotrophic factor (GDNF) and neurturin (NTN) are two structurally related, potent neurotrophic factors that play key roles in the control of neuron survival and differentiation. GFRA2 is a member of the GDNF receptor family. It is a glycosylphosphatidylinositol(GPI)-linked cell surface receptor for both GDNF and NTN, and mediates activation of the RET tyrosine kinase receptor. This encoded protein acts preferentially as a receptor for NTN compared to its other family member, GDNF family receptor alpha 1. Glial cell line-derived neurotrophic factor (GDNF) and neurturin (NTN) are two structurally related, potent neurotrophic factors that play key roles in the control of neuron survival and differentiation. The protein encoded by this gene is a member of the GDNF receptor family. It is a glycosylphosphatidylinositol(GPI)-linked cell surface receptor for both GDNF and NTN, and mediates activation of the RET tyrosine kinase receptor. This encoded protein acts preferentially as a receptor for NTN compared to its other family member, GDNF family receptor alpha 1. This gene is a candidate gene for RET-associated diseases. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.</p>
Protein Interactions	PTEN; NRTN; GDNF;
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-GFRA2 (ARP54575_P050-Biotin) antibody
Blocking Peptide	For anti-GFRA2 (ARP54575_P050-Biotin) antibody is Catalog # AAP54575 (Previous Catalog # AAPP31359)
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human GFRA2
Uniprot ID	O00451
Protein Name	GDNF family receptor alpha-2
Protein Accession #	NP_001486
Purification	Affinity Purified
Nucleotide Accession #	NM_001495
Gene Symbol	GFRA2
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Pig, Rabbit

Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 93%; Dog: 100%; Guinea Pig: 93%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 100%; Rat: 100%
Image 1	 A schematic diagram of a Y-shaped antibody molecule. It consists of two heavy chains (inner lines) and two light chains (outer lines) joined at their C-termini. The two heavy chains are connected to each other and to the two light chains, forming a Y-shape with two antigen-binding sites at the tips of the arms.

AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.
Optimal conditions of its use should be determined by end users.

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