

NEUROMICS

GDNF R alpha-1 Data Sheet

Catalog Number:	GT15004	Host:	Goat
Product Type:	Affinity Purified Goat IgG	Species Reactivity:	Rat, human
Immunogen Sequence:	Recombinant rat glial cell-line derived neurotrophic factor soluble receptor alpha 1 extracellular domain.	Format:	Liquid 1mg/ml
Applications:	Immunohistochemistry: 5 µg/mL slide-mounted sections, 10 - 15 µg/mL on paraffin-embedded tissues, 1-2 µg/mL free-floating sections Immunocytochemistry: 5 µg/mL Western Blot: 0.1 – 0.2 µg/mL ELISA: 0.5 - 1.0 µg/mL Dilutions listed as a recommendation. Optimal dilution should be determined by investigator.		
Specificity:	Based on western blot results, this antibody shows approximately 10% cross-reactivity with recombinant human GFR α -2 and no cross-reactivity with recombinant mouse Ret and recombinant human GFR α -3		
Storage:	Lyophilized samples are stable for twelve months from date of receipt when stored at -20° C to -70° C. Upon reconstitution, the antibody can be stored at 2° - 8° C for 1 month without detectable loss of activity. Reconstituted antibody can also be aliquotted and stored frozen at -20° C to -70° C in a manual defrost freezer for six months without detectable loss of activity. <i>Avoid repeated freeze-thaw cycles.</i>		

Application Notes

Reconstitution: Reconstitute with sterile PBS.

Immunohistochemistry: Antiserum was used on fixed tissue.

This antibody can be used with the appropriate secondary reagents to detect rat GDNF alpha-1 (GFR alpha-1) on tissues dissected from animals that were fixed by vascular perfusion with 4% paraformaldehyde/PBS (pH 7.4) and followed by perfusion with a 10% sucrose solution in 0.1 M phosphate buffer (pH 7.2). This antibody was found to work equally well on sections of frozen as well as paraffin-embedded tissues. Detection of labeling on cells and tissues may be done by employing either fluorescent or non-fluorescent enzymatic protocols.

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