

Product Datasheet

GFR alpha-1/GDNF R alpha-1 Antibody - BSA Free NBP1-77043

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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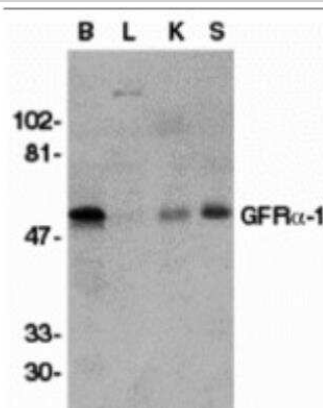
NBP1-77043

GFR alpha-1/GDNF R alpha-1 Antibody - BSA Free

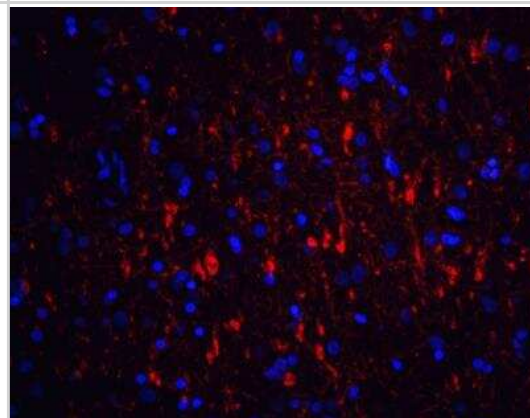
Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Peptide affinity purified
Buffer	PBS
Target Molecular Weight	51 kDa
Product Description	
Host	Rabbit
Gene ID	2674
Gene Symbol	GFRA1
Species	Human, Mouse, Rat
Specificity/Sensitivity	GFR alpha 1 antibody is predicted to not cross-react with other members of the GFR alpha family of proteins.
Immunogen	Antibody was raised against a 14 amino acid peptide near the center of human GFR alpha 1. The immunogen is located within amino acids 360 - 410 of GFR alpha 1. Amino Acid Sequence: KNKPLGPAGSENEI
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1 ug/ml, ELISA 1:100-1:2000, Immunohistochemistry 1 ug/ml, Immunocytochemistry/ Immunofluorescence 20 ug/ml, Immunohistochemistry-Paraffin 1 ug/ml

Images

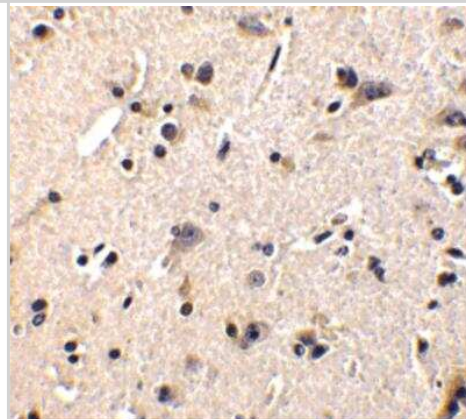
Western Blot: GFR alpha-1/GDNF R alpha-1 Antibody [NBP1-77043] - Analysis of GFR alpha 1 in crude membrane fractions of human brain (B), liver (L), kidney (K), and spleen (S), respectively, with GFR alpha 1 antibody at 1 ug/mL



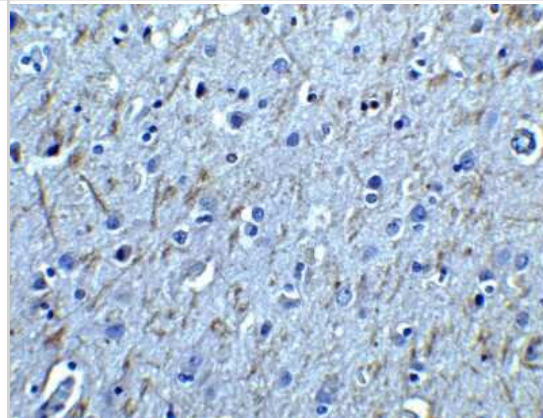
Immunocytochemistry/Immunofluorescence: GFR alpha-1/GDNF R alpha-1 Antibody [NBP1-77043] - Human brain tissue with GFR alpha 1 antibody at 20 ug/mL. Red: GFR alpha 1 Antibody Blue: DAPI stainin



Immunohistochemistry-Paraffin: GFR alpha-1/GDNF R alpha-1 Antibody [NBP1-77043] - Human brain tissue with GDNF Receptor alpha 1 antibody at 1 ug/ml.



Immunohistochemistry-Paraffin: GFR alpha-1/GDNF R alpha-1 Antibody [NBP1-77043] - Analysis of GFR alpha 1 in human brain tissue with GFR alpha 1 antibody at 2.5 ug/ml.



Publications

Guo Q, Cheng ZM, Gonzalez-Cantú H et al. TMEM127 suppresses tumor development by promoting RET ubiquitination, positioning, and degradation Cell reports 2023-09-01 [PMID: 37659079]

Lozada A, Karlstedt K, Panula P et al. Unilateral labyrinthectomy induced changes on GDNF receptor complex proteins in the rat medial vestibular nuclei. J Vestib Res. 2006-01-01 [PMID: 17538205]

He Z, Jiang J, Hofmann MC et al. Gfra1 silencing in mouse spermatogonial stem cells results in their differentiation via the inactivation of RET tyrosine kinase. Biol Reprod. 2007-10-01 [PMID: 17625109] (Mouse)

Details:

1. GFRA1 (IMG-192), Figs 1B, 5D (siRNA validated).





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Products Related to NBP1-77043

NBP1-77043PEP	GFR alpha-1/GDNF R alpha-1 Antibody Blocking Peptide
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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