

Product Datasheet

GnRH Antibody NB300-506

Unit Size: 100 uL

Store at -20C. Avoid freeze-thaw cycles.

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NB300-506

GnRH Antibody

Product Information	
Unit Size	100 uL
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS with 1 mg/ml BSA

Product Description	
Host	Rabbit
Gene ID	2796
Gene Symbol	GNRH1
Species	Mouse, Amphibian
Reactivity Notes	Mouse reactivity reported in scientific literatures (PMID: 21303944 and 25958044).
Specificity/Sensitivity	GnRH
Immunogen	Synthetic peptide corresponding to residues pyroE(22) H W S Y G L R P G-NH ₂ (32) of mouse GnRH.

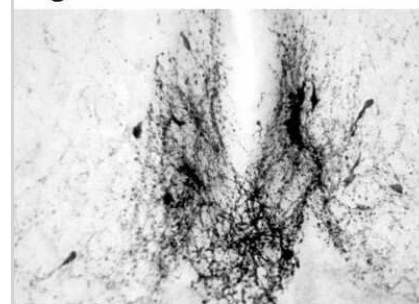
Product Application Details	
Applications	Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry 1:10 - 1:500, Immunocytochemistry/Immunofluorescence 1:10 - 1:500, Immunohistochemistry-Paraffin 1:200 - 1:1000
Application Notes	May be useful in IF and IHC-P. IF: Staining of GnRH in mouse embryo brain tissue results in staining of neurons in the rostral forebrain. IHC: 4% paraformaldehyde is recommended as a fixative.



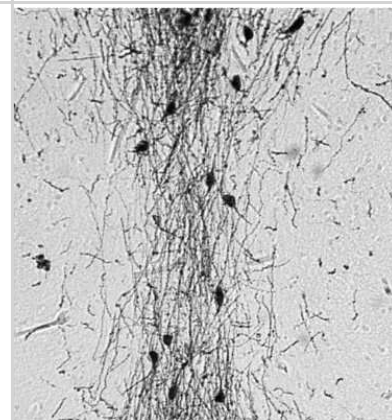
Images

Immunohistochemistry-Paraffin: GnRH Antibody [NB300-506] - Immunolocalization of GnRH in mouse embryo brain.

Fig. 1



Immunohistochemistry-Paraffin: GnRH Antibody [NB300-506] - Analysis of *Hyla cinerea* (green treefrog) forebrain using GnRH Polyclonal Antibody. Tissues were blocked in 10% normal goat serum in 0.1M PBS and then stained. Staining was developed with DAB substrate for 10 minutes. Data courtesy of Innovators Program.



Publications

Li X, Xiao J, Fan Y et al. miR-29 family regulates the puberty onset mediated by a novel *Gnrh1* transcription factor *TBX21* *Journal of Endocrinology* 2019-09-01 [PMID: 31252405]

Pandolfi EC, Hoffmann HM, Schoeller EL et al. Haploinsufficiency of *SIX3* Abolishes Male Reproductive Behavior Through Disrupted Olfactory Development, and Impairs Female Fertility Through Disrupted GnRH Neuron Migration. *Mol. Neurobiol.* 2018-03-27 [PMID: 29589282] (Mouse)



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Products Related to NB300-506

NBL1-11192	GnRHR Overexpression Lysate
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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