

# Product Datasheet

## Growth Hormone Antibody (GH/4886R) NBP3-13925-100ug

Unit Size: 100 ug

Store at 4C.

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**NBP3-13925-100ug**

Growth Hormone Antibody (GH/4886R)

Product Information	
Unit Size	100 ug
Concentration	0.2 mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Clone	GH/4886R
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A or G purified
Buffer	10 mM PBS with 0.05% BSA
Target Molecular Weight	20 kDa

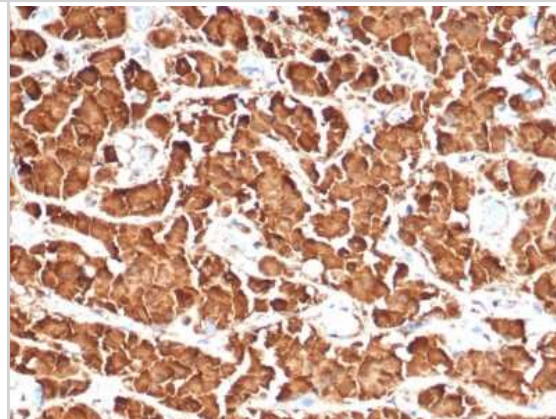
Product Description	
Description	200ug/ml of antibody purified from Bioreactor Concentrate by Protein A or G. Prepared in 10 mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0 mg/ml. (NBP3-14007)  Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80 C.
Host	Rabbit
Gene ID	2688
Gene Symbol	GH1
Species	Human
Marker	Pituitary Marker
Specificity/Sensitivity	Pituitary growth hormone (GH) plays a crucial role in stimulating and controlling the growth, metabolism and differentiation of many mammalian cell types by modulating the synthesis of multiple mRNA species. These effects are mediated by the binding of GH to its membrane-bound receptor, GHR, and involve a phosphorylation cascade that results in the modulation of numerous signaling pathways. GH is synthesized by acidophilic or somatotrophic cells of the anterior pituitary gland. Anti-GH is a useful marker in classification of pituitary tumors and the study of pituitary disease (acromegaly).
Immunogen	Recombinant full-length human Growth Hormone protein (Uniprot: P01241 )

Product Application Details	
Applications	Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry-Paraffin 1-2 ug/ml
Application Notes	Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes

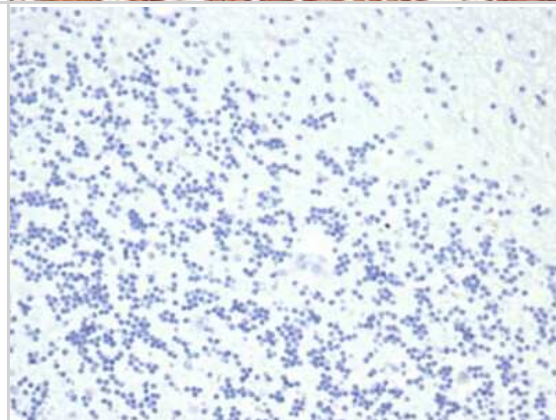


## Images

Immunohistochemistry-Paraffin: Growth Hormone Antibody (GH/4886R) [NBP3-13925] - Formalin-fixed, paraffin-embedded human pituitary stained with Growth Hormone antibody (GH/4886R).



Immunohistochemistry-Paraffin: Growth Hormone Antibody (GH/4886R) [NBP3-13925] - IHC analysis of formalin-fixed, paraffin-embedded human brain. Negative tissue control using Growth Hormone antibody (GH/4886R) at 2ug/ml in PBS for 30min RT. HIER: Tris/EDTA, pH9.0, 45min. HRP-polymer, 30min. DAB, 5min.





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### **Products Related to NBP3-13925-100ug**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-34890-100ug	Recombinant Human Growth Hormone Protein

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### **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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