

# Product Datasheet

## Growth Hormone Antibody (GH/1371) [Alexa Fluor® 532] NBP2-54361AF532

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-54361AF532**

Growth Hormone Antibody (GH/1371) [Alexa Fluor® 532]

**Product Information**

<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C in the dark.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	GH/1371
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG2b Kappa
<b>Conjugate</b>	Alexa Fluor 532
<b>Purity</b>	Protein A or G purified
<b>Buffer</b>	50mM Sodium Borate

**Product Description**

<b>Host</b>	Mouse
<b>Gene ID</b>	2688
<b>Gene Symbol</b>	GH1
<b>Species</b>	Human
<b>Marker</b>	Pituitary Marker
<b>Specificity/Sensitivity</b>	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).
<b>Immunogen</b>	A recombinant fragment (around aa58-187) of human Growth Hormone (GH) protein (exact sequence is proprietary) (Uniprot: P01241)

**Notes**

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**Product Application Details**

<b>Applications</b>	Immunohistochemistry, Immunohistochemistry-Paraffin, Protein Array
<b>Recommended Dilutions</b>	Immunohistochemistry, Immunohistochemistry-Paraffin, Protein Array
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.



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## Products Related to NBP2-54361AF532

NBP1-43317AF532	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b) [Alexa Fluor® 532]
NBP2-34890-100ug	Recombinant Human Growth Hormone Protein
291-G1-200	IGF-I/IGF-1 [Unconjugated]
DGH00	Growth Hormone [HRP]

## 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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