

Product Datasheet

Growth Hormone R Antibody (JU01-34) NBP2-75518

Unit Size: 100 ul

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

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NBP2-75518

Growth Hormone R Antibody (JU01-34)

Product Information

Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	JU01-34
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol
Target Molecular Weight	71 kDa

Product Description

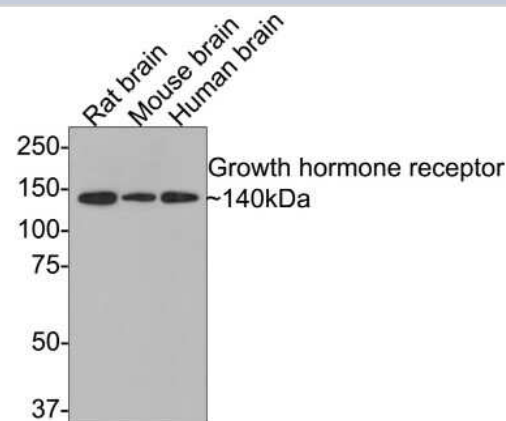
Host	Rabbit
Gene Symbol	GHR
Species	Human, Mouse, Rat
Immunogen	Synthetic peptide within Human Growth Hormone R aa 537-586 / 638. (SwissProt: P10912 Human; SwissProt: P16882 Mouse; SwissProt: P16310 Rat)

Product Application Details

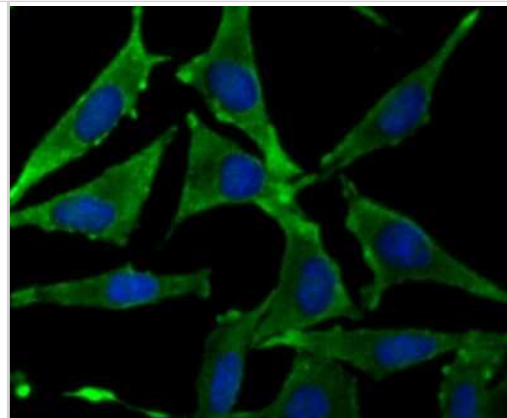
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500, Flow Cytometry 1:50-1:100, Immunocytochemistry/ Immunofluorescence 1:50-1:200, Immunohistochemistry-Paraffin 1:50-1:200

Images

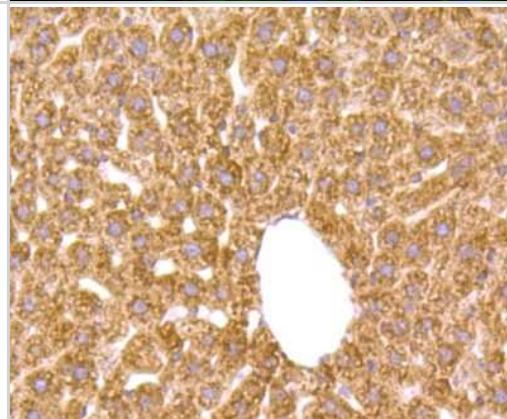
Western Blot: Growth Hormone R Antibody (JU01-34) [NBP2-75518] - Analysis of Growth hormone receptor on different lysates with Rabbit anti-Growth Hormone R antibody at 1/500 dilution. Lane 1: Rat brain tissue lysate Lane 2: Mouse brain tissue lysate Lane 3: Human brain tissue lysate Lysates/proteins at 20 ug/Lane. Predicted band size: 71 kDa Observed band size: 140 kDa Exposure time: 2 minutes; 8% SDS-PAGE gel. Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody at 1/500 dilution was used in 5% NFDM/TBST at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:300,000 dilution was used for 1 hour at room temperature.



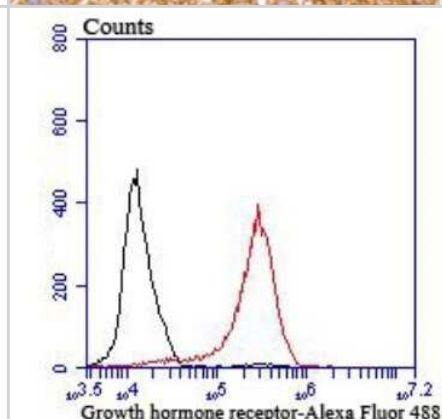
Immunocytochemistry/Immunofluorescence: Growth Hormone R Antibody (JU01-34) [NBP2-75518] - Staining Growth hormone receptor in SH-SY5Y cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



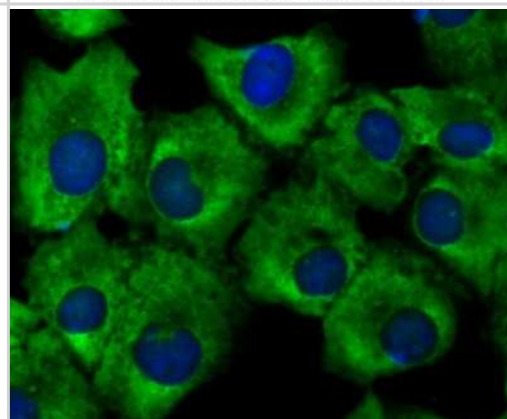
Immunohistochemistry-Paraffin: Growth Hormone R Antibody (JU01-34) [NBP2-75518] - Analysis of paraffin-embedded mouse liver tissue using anti-Growth hormone receptor antibody. Counter stained with hematoxylin.



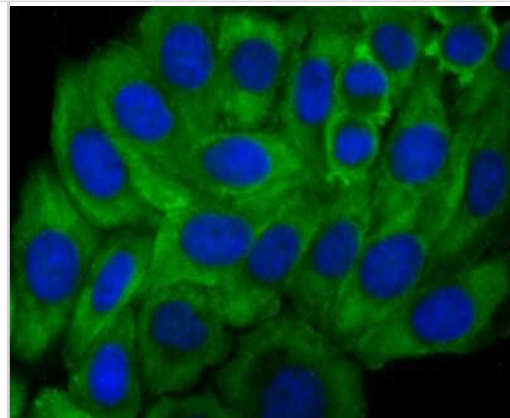
Flow Cytometry: Growth Hormone R Antibody (JU01-34) [NBP2-75518] - Analysis of MCF-7 cells with Growth hormone receptor antibody at 1/100 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.



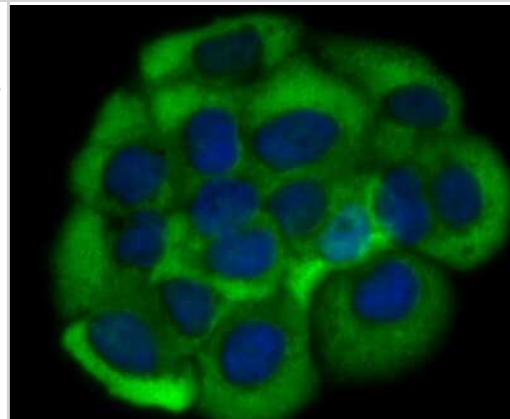
Immunocytochemistry/Immunofluorescence: Growth Hormone R Antibody (JU01-34) [NBP2-75518] - Staining Growth hormone receptor in A549 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Immunocytochemistry/Immunofluorescence: Growth Hormone R Antibody (JU01-34) [NBP2-75518] - Staining Growth hormone receptor in HepG2 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Immunocytochemistry/Immunofluorescence: Growth Hormone R Antibody (JU01-34) [NBP2-75518] - Staining Growth hormone receptor in JAR cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.





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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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