

Product Datasheet

NPRA/NPR1 Antibody - BSA Free NBP1-31333

Unit Size: 100 ul

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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NBP1-31333

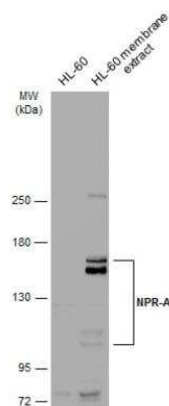
NPRA/NPR1 Antibody - BSA Free

Product Information	
Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.025% Proclin 300
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS, 20% Glycerol
Target Molecular Weight	119 kDa
Product Description	
Host	Rabbit
Gene ID	4881
Gene Symbol	NPR1
Species	Human, Mouse, Rat, Rabbit
Immunogen	Recombinant protein encompassing a sequence within the center region of human NPRA/NPR1. The exact sequence is proprietary.
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000

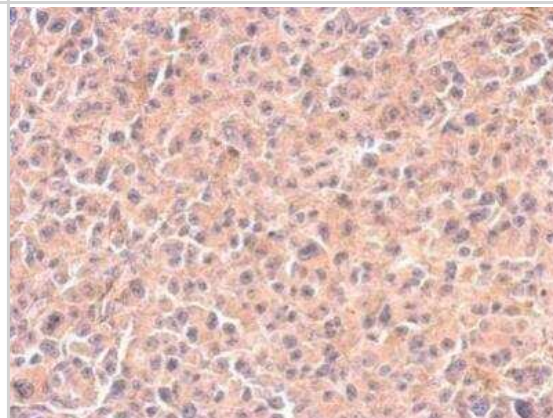


Images

Western Blot: NPRA/NPR1 Antibody [NBP1-31333] - HL-60 whole cell and membrane extracts (30 ug) were separated by 5% SDS-PAGE, and the membrane was blotted with NPR-A antibody diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.

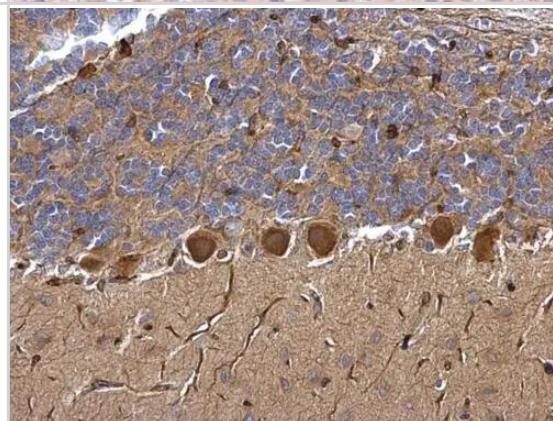


Immunohistochemistry-Paraffin: NPRA/NPR1 Antibody [NBP1-31333] - HBL435 xenograft. NPR-A antibody dilution: 1:500. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.



Immunohistochemistry: NPRA/NPR1 Antibody [NBP1-31333] - NPRA/NPR1 antibody detects NPRA/NPR1 protein at cytosol on rat hind brain by immunohistochemical analysis.
Sample: Paraffin-embedded rat hind brain.
NPRA/NPR1 antibody (NBP1-31333) dilution: 1:500.

Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min



Publications

Wu W, Shi F et al. Enhancing natriuretic peptide signaling in adipose tissue, but not in muscle, protects against diet-induced obesity and insulin resistance. *Sci Signal* 2017-07-25 [PMID: 28743802] (WB, Mouse)

Meng J, Moriyama M et al. New mechanism underlying IL-31-induced atopic dermatitis. *J Allergy Clin Immunol* 2018-01-05 [PMID: 29427643] (ELISA, Human)

Kovacova Z, Tharp WG, Liu D et al. Adipose tissue natriuretic peptide receptor expression is related to insulin sensitivity in obesity and diabetes. *Obesity (Silver Spring)*. 2016-02-17 [PMID: 26887289] (WB, Human)

Details:

Natriuretic Peptide Receptor C (NPRC) antibody used for WB on human subcutaneous adipose lysates from lean subjects, obese subjects with NGT (normal glucose tolerance), and subjects with T2DM (type 2 diabetes mellitus) (Figure 1C).



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Products Related to NBP1-31333

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00004881-Q01-10ug	Recombinant Human NPRA/NPR1 GST (N-Term) Protein

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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