

Rabbit anti-Human NPW Polyclonal Antibody | anti-NPW antibody

NPW Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA329108	Rabbit	Human	ELISA, Western Blot, Immunocytochemistry, Immunofluorescence

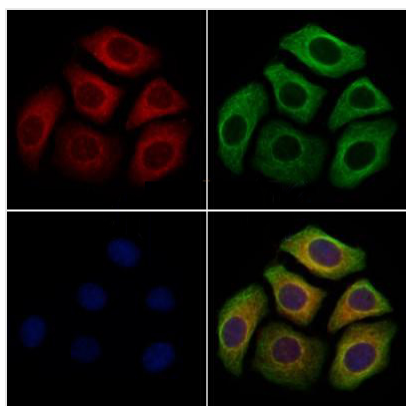
PRODUCT SYNONYMS

NPW; Polyclonal Antibody; NPW Antibody; hPPL8; L8; L8C; Neuropeptide W; PPL8; PPNPW; Preproprotein L8; anti-NPW antibody

PRODUCT SPECIFICATIONS

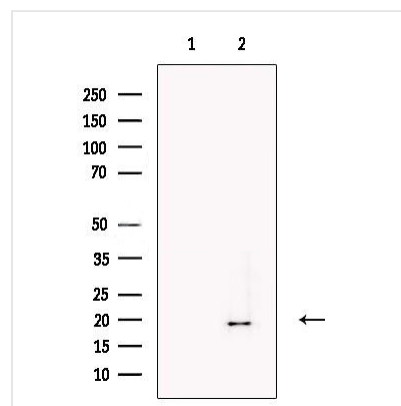
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	NPW Antibody detects endogenous levels of total NPW.
Purity/Purification	Peptide affinity purification
Form/Format	IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-NPW antibody	ELISA, WB (Western Blot), ICC (Immunocytochemistry), IF (Immunofluorescence)
Immunogen	A synthesized peptide derived from human NPW, corresponding to a region within the internal amino acids.
Preparation and Storage	Store at -20°C.

IMAGES



IF (Immunofluorescence)

AAA329108 staining HeLa cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(AAA329108 1:200) and mouse anti-beta tubulin Ab(T0023 1:200) for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary antibody. The nuclear counter stain is DAPI(blue).



WB (Western Blot)

Western blot analysis of extracts from HeLa cells, using NPW Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-NPW antibody	Plays a regulatory role in the organization of neuroendocrine signals accessing the anterior pituitary gland. Stimulates water drinking and food intake. May play a role in the hypothalamic response to stress (By similarity). NPW23 activates GPR7 and GPR8 more efficiently than NPW30.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	153281202
NCBI GeneID	283869
NCBI Accession #	NP_001092926.2
NCBI GenBank Nucleotide #	NP_001092926.2
UniProt Accession #	Q8N729
Molecular Weight	18kDa
NCBI Official Full Name	neuropeptide W preproprotein
NCBI Official Synonym Full Names	neuropeptide W
NCBI Official Symbol	NPW
NCBI Official Synonym Symbols	L8; L8C; PPL8; PPNPW
NCBI Protein Information	neuropeptide W
UniProt Protein Name	Neuropeptide W
UniProt Gene Name	NPW
UniProt Synonym Gene Names	PPL8; PPNPW; hPPL8; NPW23; hL8; NPW30; hL8C
UniProt Entry Name	NPW_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/npw-antibody-western-blot-immunocytochemistry-immunofluorescence-elisa/329108>