

NPW/Neuropeptide W Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP54535**Specification**

NPW/Neuropeptide W Polyclonal Antibody - Product Information

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q8N729
Reactivity	Rat, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	18048

NPW/Neuropeptide W Polyclonal Antibody - Additional Information**Gene ID** 283869**Other Names**

Neuropeptide W, Preproprotein L8, hPPL8, Neuropeptide W-23, NPW23, hL8, Neuropeptide W-30, NPW30, hL8C, NPW, PPL8, PPNPW

Dilution

IHC-P ~ ~ N/A
IHC-F ~ ~ N/A
IF ~ ~ 1:50 ~ 200
ICC ~ ~ N/A
E ~ ~ N/A

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

NPW/Neuropeptide W Polyclonal Antibody - Protein Information**Name** NPW**Synonyms** PPL8, PPNPW**Function**

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.

Cellular Location

Secreted

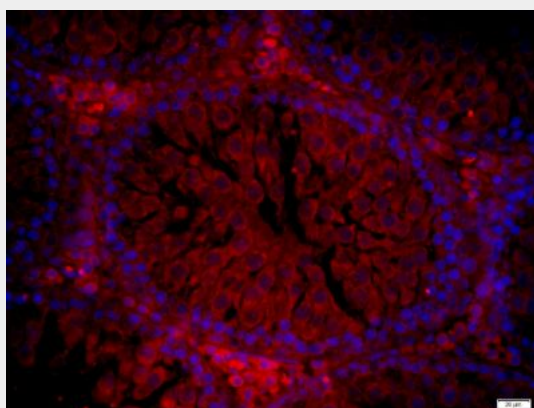
Tissue Location

Detected in cerebrospinal fluid and urine (at protein level) (PubMed:25326458, PubMed:36213313, PubMed:37453717) Detected at high levels in the substantia nigra, fetal kidney and trachea; at lower levels in testis, uterus, ovary and placenta. Not detectable in many regions of the central nervous system. Also detected at high levels in lymphoblastic leukemia and colorectal adenocarcinoma

NPW/Neuropeptide W Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

NPW/Neuropeptide W Polyclonal Antibody - Images

Paraformaldehyde-fixed, paraffin embedded (rat testis); Antigen retrieval by boiling in sodium citrate buffer (pH6) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Neuropeptide W) Polyclonal Antibody, Unconjugated (bs-11531R) at 1:400 overnight at 4°C, followed by a conjugated secondary (bs-0295G-Cy3) at [1:500] for 90 minutes and DAPI staining of the nuclei.