

NPW Rabbit pAb

CatalogNo: YN0978

Key Features

Host Species

- Rabbit

Reactivity

- Human,Rat

Applications

- WB,ELISA

MW

- 18kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000**ELISA 1:5000-20000**

Storage

Storage* -15°C to -25°C/1 year(Do not lower than -25°C)**Formulation** Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized peptide derived from human protein . at AA range: 90-170**Specificity** NPW Polyclonal Antibody detects endogenous levels of protein.

Target Information

Gene name NPW PPL8 PPNPW

Protein Name Neuropeptide W (Preproprotein L8) (hPPL8) [Cleaved into: Neuropeptide W-23 (NPW23) (hL8); Neuropeptide W-30 (NPW30) (hL8C)]

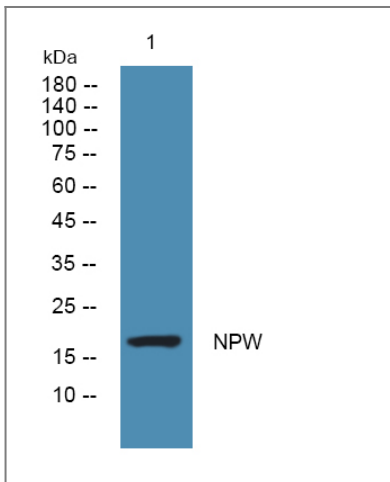
Organism	Gene ID	UniProt ID
Human	283869 ;	Q8N729 ;
Rat		Q8K1M5 ;

Cellular Localization Secreted.

Tissue specificity 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.

Function 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.,similarity:Belongs to the neuropeptide B/W family.,tissue specificity: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.,

Validation Data



Western blot analysis of lysates from PC12 cells, primary antibody was diluted at 1:1000, 4° over night

Contact information

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NPW Rabbit pAb

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