

AP52924PU-N**Polyclonal Antibody to NPW (C-term) - Aff - Purified**

Alternate names:	23, 30, Neuropeptide W, Neuropeptide W-23, Neuropeptide W-30, PP, PPL8, Preproprotein L8, hL8, hL8C, hPPL8
Quantity:	0.4 ml
Concentration:	lot specific
Background:	NPW is processed into 23- and 30-amino acid neuropeptides that bind and activate two G-protein coupled receptors in the central nervous system. The neuropeptides have been shown to enhance cortisol secretion from adrenal cells through the adenylate cyclase/protein kinase A signaling cascade. The preproprotein is translated using a non-AUG initiation codon that is inferred from analyses of the mouse ortholog. [provided by RefSeq].
Uniprot ID:	Q8N729
NCBI:	NP_001092926
GeneID:	283869
Host / Isotype:	Rabbit / Ig
Immunogen:	KLH conjugated synthetic peptide between 128~158 amino acids from the C-terminal region of human NPW
Format:	State: Liquid purified Ig fraction Purification: Affinity chromatography on Protein A Buffer System: PBS Preservatives: 0.09% (W/V) sodium azide
Applications:	ELISA: 1/1000. Western Blot: 1/100 - 1/500. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Molecular Weight:	18048 Da
Specificity:	This antibody reacts to HPW.
Species Reactivity:	Tested: Human.
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	1. Luttrell, L.M. Mol. Biotechnol. 39(3):239-264(2008) 2. Singh, G., et al. Br. J. Pharmacol. 148(8):1033-1041(2006)

Pictures:

Western blot analysis of NPW Antibody (C-term) (Cat. #AP52924PU-N) in Hela cell line lysates (35µg/lane). NPW (arrow) was detected using the purified Pab.

