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## Datasheet for ABIN1385749 anti-NPW antibody (AA 33-55)



Overview

Quantity:	100 µL	
Target:	NPW	
Binding Specificity:	AA 33-55	
Reactivity:	Rat	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This NPW antibody is un-conjugated	
Application:	ELISA, Immunocytochemistry (ICC), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))	

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Neuropeptide W	
lsotype:	lgG	
Cross-Reactivity:	Rat	
Predicted Reactivity:	Human,Mouse,Cow	
Purification:	Purified by Protein A.	
Target Details		

Target:

NPW

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Target Details		
Alternative Name:	NPW/Neuropeptide W (NPW Products)	
Background:	Synonyms: hPPL8, L8, L8C, Neuropeptide W, PPL8, PPNPW, Preproprotein L8, NPW_HUMAN.	
	Background: NPW is a 165 amino acid secreted protein that is cleaved into two chains:	
	neuropeptide W-23 (also designated NPW23 or L8) and neuropeptide W-30 (also known as	
	NPW30 or L8C). Both NPW neuropeptides activate G-protein coupled receptors in the central	
	nervous system to enhance cortisol secretion. Highly expressed in lymphoblastic leukemia,	
	colorectal adenocarcinoma, fetal kidney, trachea and substantia nigra, NPW is also found at low	
	levels in placenta, ovary, testis and uterus. NPW functions in organization of neuroendocrine	
	signals and is also thought to enhance food and water intake as well as stress responses. The	
	gene encoding NPW maps to human chromosome 16p13.3.	
Pathways:	Feeding Behaviour	
Application Details		
Application Notes:	ELISA 1:500-1000	
	IHC-P 1:200-400	
	IHC-F 1:100-500	
	IF(IHC-P) 1:50-200	
	IF(IHC-F) 1:50-200	
	IF(ICC) 1:50-200	
	ICC 1:100-500	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	1 μg/μL	
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.	
Preservative:	ProClin	
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be	
	handled by trained staff only.	
Storage:	4 °C,-20 °C	
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.	

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Expiry Date:

12 months

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