



NPBW1 rabbit pAb

Cat No.:ES11478

For research use only

Overview

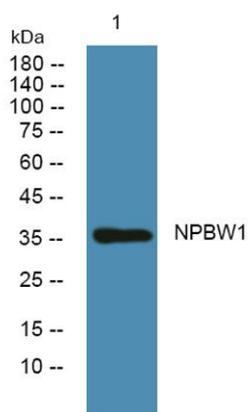
Product Name	NPBW1 rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	WB 1:500-2000 ELISA 1:5000-20000
Immunogen	Synthesized peptide derived from human protein . at AA range: 250-330
Specificity	NPBW1 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Neuropeptides B/W receptor type 1 (G-protein coupled receptor 7)
Gene Name	NPBWR1 GPR7
Cellular localization	Cell membrane; Multi-pass membrane protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	36kD
Human Gene ID	2831
Human Swiss-Prot Number	P48145
Alternative Names	
Background	function:Interacts specifically with a number of opioid ligands. Receptor for neuropeptides B and W, which may be involved in neuroendocrine system regulation, food intake and the organization of other signals. Has a higher affinity for neuropeptide B.,similarity:Belongs to the G-protein coupled receptor 1 family.,tissue specificity:Found in cerebellum and frontal cortex. Detected at high





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levels in hippocampus, amygdala and trachea; at moderate levels in fetal brain, pituitary gland and prostate. Not in caudate, accumbens, kidney or liver. Also detected at high levels in lung carcinoma.,



Western blot analysis of lysates from K562 cells, primary antibody was diluted at 1:1000, 4° over night



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