

Datasheet for ABIN5540974 **anti-NPBWR1 antibody**



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Overview

Quantity:	0.2 mg
Target:	NPBWR1
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This NPBWR1 antibody is un-conjugated
Application:	Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	DNA vaccine
Clone:	1F9
Isotype:	IgG2a
Specificity:	This antibody detects human NPBWR1.
Purification:	Affinity Chromatography on Protein G

Target Details

Target:	NPBWR1
Alternative Name:	gpr7 (NPBWR1 Products)
Background:	Neuropeptides B/W receptor type 1 (NPBWR1) is a 328 amino acid protein with three potential glycosylation sites and one disulfide bond. It interacts specifically with a number of opioid

Target Details

ligands. Most notably, it is a receptor for neuropeptides B and W, which are involved in neuroendocrine system regulation, food intake and behaviour. The highest expression of GPR7 has been described in the amygdala and hypothalamic nuclei known to regulate feeding and social behaviour. GPR7 has a higher affinity for neuropeptide B than for neuropeptide W.

UniProt: [P48145](#)

Application Details

Application Notes: Immunohistochemistry on paraffin sections: 5 µg/mL (1/80). Predigestion with proteinase K required. Positive control: Human hippocampus.

Restrictions: For Research Use only

Handling

Buffer: Phosphate buffered saline pH 7.2 (PBS) Preservatives: 0.1 % Kathon Stabilizers: 5 mg/mL BSA

Storage: 4 °C, -20 °C

Storage Comment: Store lyophilized at 2-8°C for 6 month or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

Expiry Date: 12 months