

NPBWR2 / GPR8 Antibody (Cytoplasmic Domain)
Rabbit Polyclonal Antibody
Catalog # ALS10854**Specification**

NPBWR2 / GPR8 Antibody (Cytoplasmic Domain) - Product Information

Application	IHC-P
Primary Accession	P48146
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	37kDa KDa
Dilution	IHC-P~~N/A

NPBWR2 / GPR8 Antibody (Cytoplasmic Domain) - Additional Information**Gene ID** 2832**Other Names**

Neuropeptides B/W receptor type 2, G-protein coupled receptor 8, NPBWR2, GPR8

Target/Specificity

Human NPBWR2. BLAST analysis of the peptide immunogen showed no homology with other human proteins, except BCORL1 (39%).

Reconstitution & Storage

Long term: -70°C; Short term: +4°C

Precautions

NPBWR2 / GPR8 Antibody (Cytoplasmic Domain) is for research use only and not for use in diagnostic or therapeutic procedures.

NPBWR2 / GPR8 Antibody (Cytoplasmic Domain) - Protein Information**Name** NPBWR2**Synonyms** GPR8**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.

Cellular Location

Cell membrane; Multi-pass membrane protein.

Tissue Location

Detected at high levels in caudate nucleus, hippocampus and amygdala; at moderate levels in the

adult brain, thalamus, parietal cortex, pituitary gland, adrenal gland and lymph nodes.

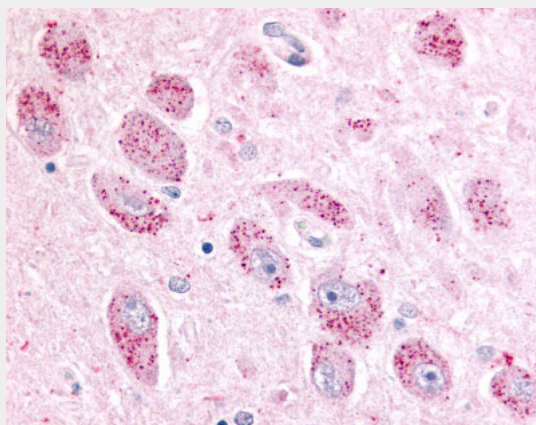
Volume

50 µl

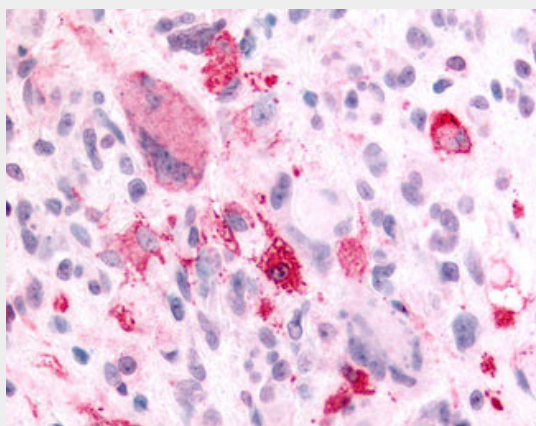
NPBWR2 / GPR8 Antibody (Cytoplasmic Domain) - Protocols

Provided below are standard protocols that you may find useful for product applications.

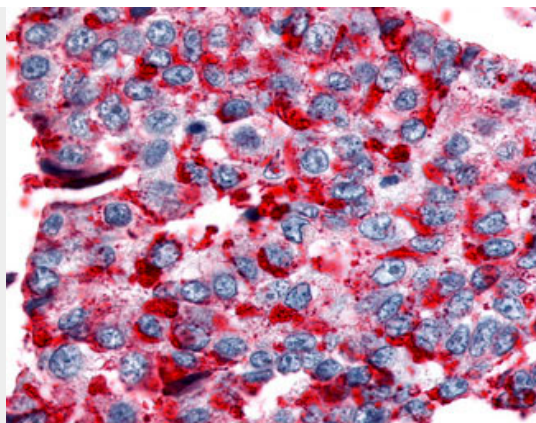
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

NPBWR2 / GPR8 Antibody (Cytoplasmic Domain) - Images

Anti-NPBWR2 antibody ALS10854 IHC of human brain, neurons and glia.



Anti-NPBWR2 / GPR8 antibody IHC of human Brain, Glioblastoma.



Anti-NPBWR2 / GPR8 antibody IHC of human Lung, Non-Small Cell Carcinoma.

NPBWR2 / GPR8 Antibody (Cytoplasmic Domain) - Background

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.

NPBWR2 / GPR8 Antibody (Cytoplasmic Domain) - References

- O'Dowd B.F., et al. Genomics 28:84-91(1995).
Deloukas P., et al. Nature 414:865-871(2001).
Mural R.J., et al. Submitted (SEP-2005) to the EMBL/GenBank/DBJ databases.
Brezillon S., et al. J. Biol. Chem. 278:776-783(2003).
Tanaka H., et al. Proc. Natl. Acad. Sci. U.S.A. 100:6251-6256(2003).