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

Specification

NPBWR2 / GPR8 Antibody (Cytoplasmic Domain) - Product Information

Application	**IHC**
Primary Accession	P48146
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**37kDa KDa**

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.

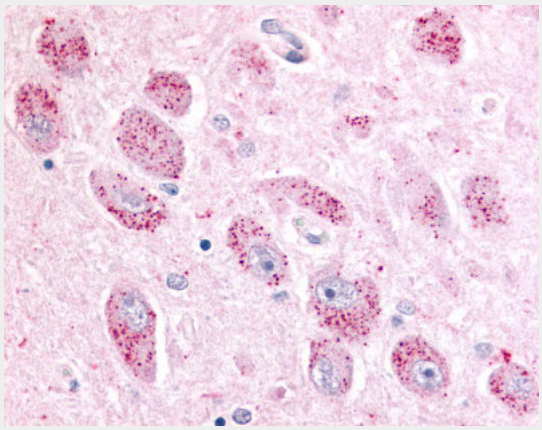
Volume
50 µl

NPBWR2 / GPR8 Antibody (Cytoplasmic Domain) - Protocols

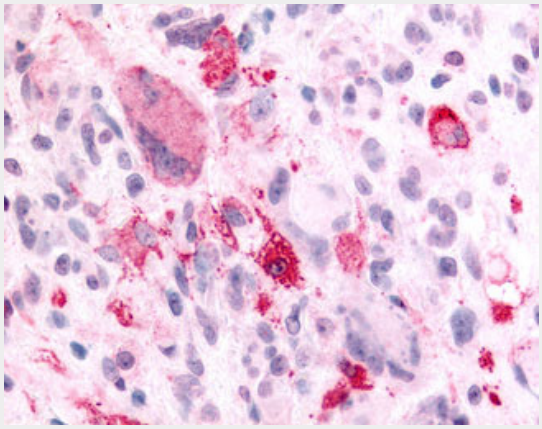
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

NPBWR2 / GPR8 Antibody (Cytoplasmic Domain) - Images

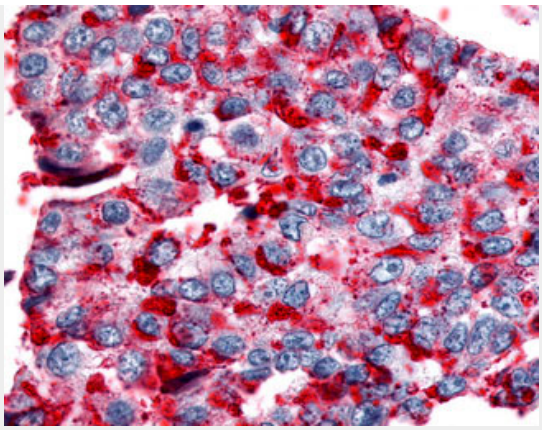


Anti-NPBWR2 antibody ALS10854 IHC of human brain, neurons and glia.



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

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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

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Deloukas P.,et al.Nature 414:865-871(2001).
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Brezillon S.,et al.J. Biol. Chem. 278:776-783(2003).
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