# ARG42834
# anti-NPBWR1 / GPR7 antibody

Package: 50 µg
Store at: -20°C

## Summary

| | |
|---|---|
| Product Description | Rabbit Polyclonal antibody recognizes NPBWR1 / GPR7 |
| Tested Reactivity | Hu, Ms, Rat |
| Tested Application | WB |
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Target Name | NPBWR1 / GPR7 |
| Species | Human |
| Immunogen | Recombinant protein corresponding to V58-A328 of Human NPBWR1 / GPR7. |
| Conjugation | Un-conjugated |
| Alternate Names | G-protein coupled receptor 7; Neuropeptides B/W receptor type 1; GPR7 |

## Application Instructions

Application table

| Application | Dilution |
|---|---|
| WB | 1:500 - 1:2000 |

Application Note: * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Observed Size: 43 kDa

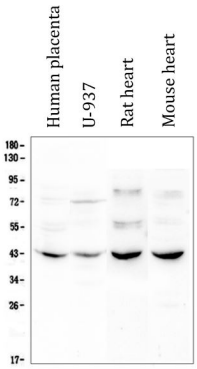
## Properties

| | |
|---|---|
| Form | Liquid |
| Purification | Affinity purification with immunogen. |
| Buffer | 0.2% Na2HPO4, 0.9% NaCl, 0.05% Sodium azide and 4% Trehalose. |
| Preservative | 0.05% Sodium azide |
| Stabilizer | 4% Trehalose |
| Concentration | 0.5 mg/ml |
| Storage instruction | For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use. |
| Note | For laboratory research only, not for drug, diagnostic or other use. |

## Bioinformation

| | |
|---|---|
| Gene Symbol | NPBWR1 |
| Gene Full Name | neuropeptides B/W receptor 1 |
| 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. [UniProt] |
| Calculated Mw | 36 kDa |
| Cellular Localization | Cell membrane; Multi-pass membrane protein. [UniProt] |

## Images




ARG42834 anti-NPBWR1 / GPR7 antibody WB image

Western blot: 50 µg of sample under reducing conditions. Human placenta, U-937, Rat heart and Mouse heart lysates stained with ARG42834 anti-NPBWR1 / GPR7 antibody at 0.5 µg/ml dilution, overnight at 4°C.