

## Rabbit NPY2R Polyclonal Antibody | anti-NPY2R antibody

NPY2R Antibody (N-term)

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS        |
|-----------|--------|-------------------|---------------------|
| AAA285772 | Rabbit | Human, mouse, rat | ELISA, Western Blot |

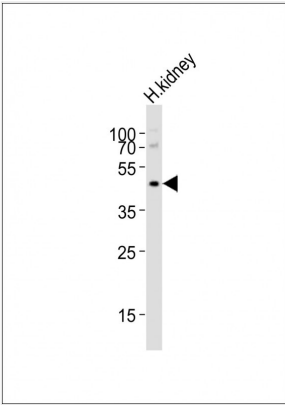
### PRODUCT SYNONYMS

NPY2R; Polyclonal Antibody; NPY2R Antibody (N-term); Neuropeptide Y receptor type 2; NPY2-R; NPY-Y2 receptor; Y2 receptor; anti-NPY2R antibody

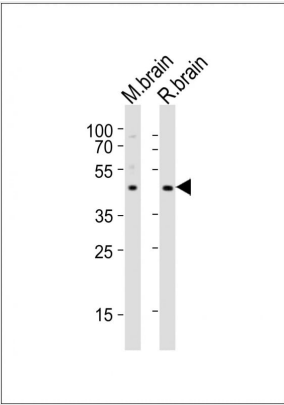
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                                              |
|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                                       |
| Reactivity                                      | Human, mouse, rat                                                                                                                                                            |
| Clonality                                       | Polyclonal                                                                                                                                                                   |
| Isotype                                         | Rabbit Ig                                                                                                                                                                    |
| Specificity                                     | This NPY2R antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 29-65 amino acids from the N-terminal region of human NPY2R.        |
| Purity/Purification                             | Purified Rabbit Polyclonal Antibody (Pab)                                                                                                                                    |
| Form/Format                                     | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification. |
| Concentration                                   | Vial Concentration: 0.5 (varies by lot)                                                                                                                                      |
| Sequence Length                                 | 381                                                                                                                                                                          |
| Applicable Applications for anti-NPY2R antibody | ELISA, WB (Western Blot)                                                                                                                                                     |
| Crown Antibody                                  | Yes                                                                                                                                                                          |
| Antigen Source                                  | HUMAN                                                                                                                                                                        |
| Preparation and Storage                         | Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.                       |

IMAGES



**WB (Western Blot)**  
Anti-NPY2R Antibody (N-term) at 1:1000 dilution + human kidney lysatesLysates/proteins at 20 ug per lane.SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilutionPredicted band size : 43 kDaBlocking/Dilution buffer: 5% NFDM/TBST.



**WB (Western Blot)**  
All lanes : Anti-NPY2R Antibody (N-term) at 1:2000 dilutionLane 1: mouse brain lysatesLane 2: rat brain lysatesLysates/proteins at 20 ug per lane.SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilutionPredicted band size : 43 kDaBlocking/Dilution buffer: 5% NFDM/TBST.

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                         |
|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-NPY2R antibody | Receptor for neuropeptide Y and peptide YY. The rank order of affinity of this receptor for pancreatic polypeptides is PYY > NPY > PYY (3-36) > NPY (2-36) > [Ile-31, Gln-34] PP > [Leu- 31, Pro-34] NPY > PP, [Pro-34] PYY and NPY free acid.                                          |
| Product Categories/Family for anti-NPY2R antibody   | Crown Antibodies                                                                                                                                                                                                                                                                        |
| References                                          | Gerald C.,et al.J. Biol. Chem. 270:26758-26761(1995).<br>Gehlert D.R.,et al.Mol. Pharmacol. 49:224-228(1996).<br>Rose P.M.,et al.J. Biol. Chem. 270:22661-22664(1995).<br>Yan H.,et al.Proc. Natl. Acad. Sci. U.S.A. 93:4661-4665(1996).<br>Ammar D.A.,et al.Genomics 38:392-398(1996). |

NCBI AND UNIPROT INFORMATION

|                                  |                                                |
|----------------------------------|------------------------------------------------|
| NCBI GI #                        | 4505447                                        |
| NCBI GeneID                      | 4887                                           |
| NCBI Accession #                 | NP_000901.1                                    |
| NCBI GenBank Nucleotide #        | NM_000910.3                                    |
| UniProt Accession #              | P49146; Q13281; Q13457; Q4W5G7; Q6AZZ6; Q9UE67 |
| Molecular Weight                 | 42731                                          |
| NCBI Official Full Name          | neuropeptide Y receptor type 2                 |
| NCBI Official Synonym Full Names | neuropeptide Y receptor Y2                     |
| NCBI Official Symbol             | NPY2R                                          |
| NCBI Official Synonym Symbols    | NPY2-R                                         |
| NCBI Protein Information         | neuropeptide Y receptor type 2                 |
| UniProt Protein Name             | Neuropeptide Y receptor type 2                 |
| UniProt Gene Name                | NPY2R                                          |
| UniProt Synonym Gene Names       | NPY2-R; Y2 receptor                            |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/npy2r-antibody-western-blot-elisa/285772>