

## Neuropeptide Y antibody [8]

Cat. No. GTX60971

|              |                              |
|--------------|------------------------------|
| Host         | Mouse                        |
| Clonality    | Monoclonal                   |
| Isotype      | IgG1                         |
| Applications | ICC/IF, IHC-P, IHC-Fr, ELISA |
| Reactivity   | Human, Mouse, Rat            |

References ( 2 )

Package

100 µl

## Applications

## Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

| Suggested dilution | Recommended dilution |
|--------------------|----------------------|
| ICC/IF             | Assay dependent      |
| IHC-P              | Assay dependent      |
| IHC-Fr             | Assay dependent      |
| ELISA              | Assay dependent      |

Not tested in other applications.

## Product Note

This antibody binds full length human/rat Neuropeptide Y (NPY). Cross-reactivity with NPY (1-24) , NPY (18-36), PYY or PP was <0.2%.

## Properties

|               |                                                                                         |
|---------------|-----------------------------------------------------------------------------------------|
| Form          | Liquid                                                                                  |
| Buffer        | 10mM Phosphate, 500mM NaCl                                                              |
| Preservative  | 15mM Sodium azide                                                                       |
| Storage       | Store as concentrated solution. Centrifuge briefly prior to opening vial. Store at 4°C. |
| Concentration | Batch dependent (Please refer to the vial label for the specific concentration.)        |
| Immunogen     | Synthetic human/rat neuropeptide Y                                                      |
| Purification  | Protein-A purified                                                                      |
| Conjugation   | Unconjugated                                                                            |

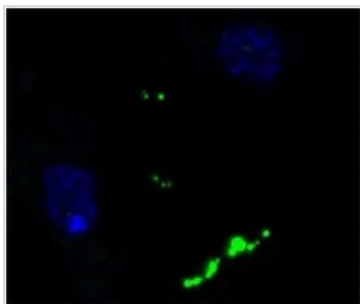
## Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

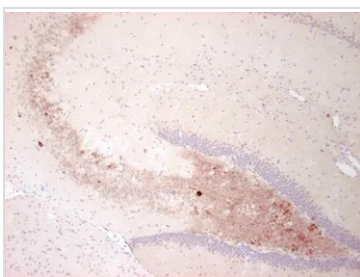
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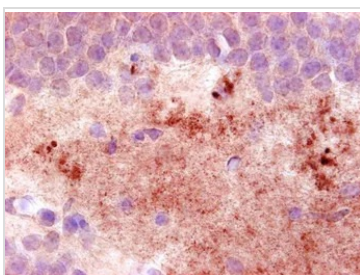
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**DATA IMAGES**

**GTX60971 ICC/IF Image**

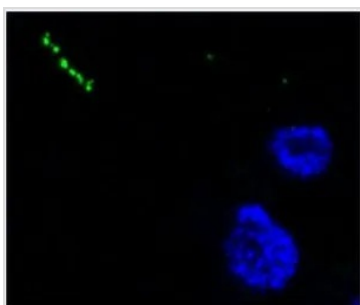
GTX60971 tested on tissue from human cerebral cortex, applying ultra thin sections using a technique called array tomography. (antibody: green, DAPI-stained nuclei: blue). The antibody labels NPY-positive processes in the neutrophil. Courtesy of Dr. Nancy O'Rourke, Stanford University.


**GTX60971 IHC-P Image**

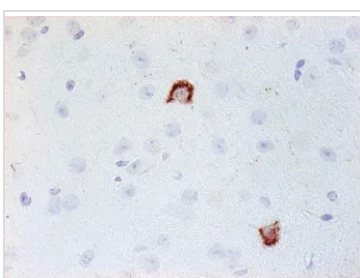
Paraffin embedded mouse brain tissue (fibres in the hilus of the hippocampus) from a mouse suffering an epileptic attack just before perfusion stained with GTX60971 diluted 1/1000


**GTX60971 IHC-P Image**

Enlarged section of a paraffin embedded mouse brain tissue (fibres in the hilus of the hippocampus) from a mouse suffering an epileptic attack just before perfusion stained with GTX60971 diluted 1/1000


**GTX60971 ICC/IF Image**

GTX60971 tested on tissue from human cerebral cortex, applying ultra thin sections using a technique called array tomography. (antibody: green, DAPI-stained nuclei: blue). The antibody labels NPY-positive processes in the neutrophil. Courtesy of Dr. Nancy O'Rourke, Stanford University.


**GTX60971 IHC-P Image**

Paraffin embedded mouse brain tissue (interneurons in the cortex) stained with GTX60971 diluted 1/1000



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