

## Datasheet: 6730-2004

<b>Description:</b>	RABBIT ANTI HUMAN NEUROPEPTIDE TYROSINE C-FLANKING PEPTIDE
<b>Specificity:</b>	NEUROPEPTIDE TYROSINE C-FLANKING PEPTIDE
<b>Other names:</b>	C-PON
<b>Format:</b>	Serum
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	0.25 ml

## Product Details

### Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit [www.bio-rad-antibodies.com/protocols](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry			▪	
Immunohistology - Frozen	▪			1/25 - 1/100
Immunohistology - Paraffin			▪	
Western Blotting			▪	
Immunofluorescence	▪			1/10 - 1/40

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

### Target Species

Human

### Species Cross Reactivity

Reacts with: Rat

Based on sequence similarity, is expected to react with: Rhesus Monkey, Chimpanzee, Rabbit, Horse, Dog

**N.B.** Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

### Product Form

Serum - liquid

### Buffer Solution

Phosphate buffered saline

<b>Preservative Stabilisers</b>	0.09% Sodium Azide (NaN <sub>3</sub> ) 1% Bovine Serum Albumin
<b>Immunogen</b>	Synthetic peptide corresponding to the C-flanking peptide (amino acids 68-97) of pro-neuropeptide Y.
<b>External Database Links</b>	<p><b>UniProt:</b> <a href="#">P01303</a>   <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b> <a href="#">4852</a> NPY   <a href="#">Related reagents</a></p>
<b>RRID</b>	AB_620344
<b>Specificity</b>	<p><b>Rabbit anti Neuropeptide Tyrosine C-flanking Peptide antibody</b> recognizes the C-flanking peptide of pro-neuropeptide Y. Neuropeptide Y, also known as NPY or Neuropeptide tyrosine is a secreted neurotransmitter reported to be involved in the control of feeding behavior (Clark <i>et al.</i> 1984). The C-flanking peptide of Neuropeptide Y, also known as CPON also occurs naturally in tissues and is abundant throughout the central nervous system with a similar tissue distribution to NPY (<a href="#">Allen <i>et al.</i> 1985</a>).</p> <p>C-flanking peptide of NPY appears to be expressed in normal synovium but, along with Substance P and Mapp <i>et al.</i> 1990).</p>
<b>Histology Positive Control Tissue</b>	<a href="#">Stefanini</a> (Zamboni) fixed frozen sections of rat small intestine.
<b>Storage</b>	<p>Store at +4°C or at -20°C if preferred.</p> <p>Storage in frost-free freezers is not recommended.</p> <p>This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.</p>
<b>Guarantee</b>	18 months from date of despatch.
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10041 available at: 10041: <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10041.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10041.pdf</a>
<b>Regulatory</b>	For research purposes only

## Related Products

### Recommended Secondary Antibodies

- Sheep Anti Rabbit IgG (STAR34...)   [FITC](#)
- Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)
- Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)
- Sheep Anti Rabbit IgG (STAR35...)   [RPE](#)

Sheep Anti Rabbit IgG (STAR36...)

[DyLight®488](#), [DyLight®680](#), [DyLight®800](#)

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'M360397:191113'

**Printed on 09 Feb 2021**

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