

**SHEEP ANTI-NEUROPEPTIDE Y  
POLYCLONAL ANTIBODY**

<b>CATALOG NO:</b>	AB1583
<b>LOT NUMBER:</b>	xxxx
<b>QUANTITY:</b>	100 $\mu$ L
<b>SPECIFICITY:</b>	<p>Neuropeptide Y (NPY). The specificity was determined by RIA. Synthetic peptides somatostatin-14, leu-enkephalin, met-enkephalin, oxytocin, Agr<sup>8</sup>-vasopressin, vasoactive intestinal peptide and angiotensin II showed less than 0.005% cross reactivity and substance P less than 0.02%. Peptide YY and bovine pancreatic polypeptide showed approximately 36% and 0.05% cross reactivity respectively. Human Peptide YY shares 65% homology amino acid sequence for human NPY.</p> <p>Synthetic NPY completely abolishes radio labeled NPY binding to NPY antibody in RIA and antibody binding to tissue antigen.</p>
<b>IMMUNOGEN:</b>	Synthetic NPY peptide conjugated to bovine thyroglobulin.
<b>APPLICATIONS:</b>	Immunohistochemistry: 1:5,000 on rabbit and guinea pig using an ABC detection method. RIA Optimal working dilutions must be determined by the end user.
<b>SPECIES REACTIVITIES:</b>	Rabbit and guinea pig.
<b>FORMAT:</b>	Sheep serum.
<b>PRESENTATION:</b>	Lyophilized, no preservatives. Reconstitute with 100 $\mu$ L of sterile distilled water.
<b>STORAGE/HANDLING:</b>	Maintain lyophilized material at -20 to -70°C for up to one year after date of receipt. After reconstitution maintain at -20 to -70°C in undiluted aliquots for up to six months. Avoid repeated freeze/thaw cycles.
<b>REFERENCES:</b>	<i>J. Comp. Neurol.</i> (1986) <b>248</b> :285-300. <i>Tissue Research</i> (1985) <b>241</b> :155-163. Brailoiu, G. C., et al., <i>Endocrinology</i> (2007) <b>148</b> : 5088-94.
<b>Important Note:</b>	During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 $\mu$ l or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.

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USA & Canada • Phone: +1(800) 437-7500 • Fax: +1 (951) 676-9209 • Europe +44 (0) 23 8026 2233  
Australia +61 3 9839 2000 • Germany +49-6192-207300 • ISO Registered worldwide  
www.chemicon.com • custserv@chemicon.com • techserv@chemicon.com