



SHEEP ANTI-NEUROPEPTIDE Y POLYCLONAL ANTIBODY

CATALOG NUMBER:	AB1583	QUANTITY:	100 µL
LOT NUMBER:			
SPECIFICITY:	<p>Neuropeptide Y (NPY). The specificity was determined by RIA. Synthetic peptides somatostatin-14, leu-enkephalin, met-enkephalin, oxytocin, Agr⁸-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>		
IMMUNOGEN:	Synthetic NPY peptide conjugated to bovine thyroglobulin.		
APPLICATIONS:	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.		
SPECIES REACTIVITY:	Rabbit and guinea pig.		
FORMAT:	Sheep serum.		
PRESENTATION:	Lyophilized, no preservatives. Reconstitute with 100 µL of sterile distilled water.		
STORAGE/HANDLING:	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.		
REFERENCES:	<p><i>J. Comp. Neurol.</i> (1986) 248:285-300. <i>Tissue Research</i> (1985) 241:155-163. Brailoiu, G. C., et al., <i>Endocrinology</i> (2007) 148: 5088-94.</p>		

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Important Note: During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 µL 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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PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION**

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