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<b>Catalog Number:</b>	RA20072	<b>Host:</b>	Rabbit
<b>Product Type:</b>	Whole Serum	<b>Species</b>	Mouse, Rat
<b>Immunogen Sequence:</b>	Synthetic peptide (human) Neurotensin coupled to bovine thyroglobulin (BTg) with glutaraldehyde.	<b>Reactivity:</b>	
		<b>Format:</b>	Lyophilized. 100 ul with <0.09% sodium azide as a preservative.
<b>Applications:</b>	Immunohistochemistry: 1:200-1:400 (in PBS/0.3% Triton X-100 – Indirect Immunofluorescence). 1:4,000-1:8,000 (in in PBS/0.3% Triton X-100 – Bn/Av-HRP Technique).		
	Dilutions listed as a recommendation. Optimal dilution should be determined by investigator.		
<b>Reconstitution:</b>	Do not reconstitute until ready to use since the product is most stable when lyophilized. The product does not need to be cooled during shipping. For long-term storage, store lyophilized antibody until ready to use at -15° C or lower. Reconstitute with 100 µL of distilled or deionized water.		
<b>Storage:</b>	Maintain at +2-8°C for 3 months or at -20°C for longer periods. Stable for 1 year. <i>Avoid repeated freeze-thaw cycles.</i>		

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### Application Notes

#### Tissue Preparation:

10 µm cryostat

- Fixative: 4% paraformaldehyde in 0.1 M phosphate buffer, pH 7.4; 500 mL over ~20-30 min.
- Post Fixation: 1.5 hr. at 4°C in 4% paraformaldehyde in 0.1 M phosphate buffer, pH 7.4.
- Incubation: 18-24 hours at 2-8° C.

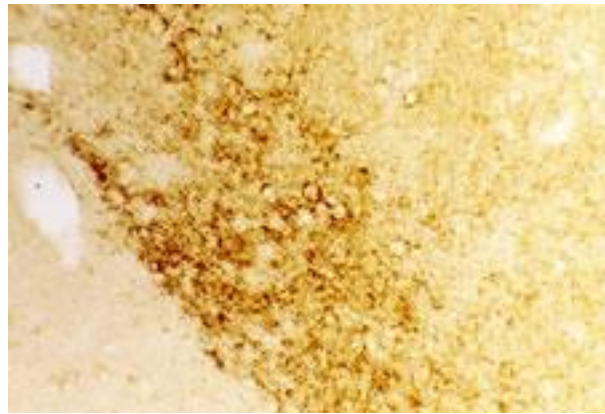
#### Immunohistochemistry:

Our Neurotensin antiserum was quality control tested using standard immunohistochemical methods. The antiserum demonstrates significant labeling of rat amygdala using indirect immunofluorescent and biotin/avidin-HRP techniques. Staining is completely eliminated by pretreatment with 10 µg of Neurotensin per 1 mL of diluted antibody

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*Image: Neurotensin staining of rat amygdala.*



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