

# SP-1 Chromogranin A (Bovine) Antibody

**Catalog #: 20085**

<b>Catalog #:</b>	20085	<b>Product type:</b>	Primary antibodies
<b>Lot #:</b>	922001	<b>Clonality:</b>	Polyclonal
<b>Form:</b>	Lyophilized whole serum (100 µL)	<b>Isotype:</b>	IgG
<b>Host:</b>	Rabbit	<b>Preservative:</b>	≤ 0.09% sodium azide
<b>Reacts With:</b>	Mouse, Rat	<b>Immunogen:</b>	Native bovine pituitary secretory protein 1 (SP1) chromogranin.

## Instructions

<b>Preparation:</b>	<p>Do not reconstitute until ready to use since the product is most stable when lyophilized. The product does not need to be kept cooled during shipping; however, 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. After reconstitution, use immediately or refrigerate at 2°-8° C up to 2 days. If desired, dilute with PBS or Tris buffer at a dilution no higher than 1/10 and aliquot antibody to avoid freeze/thaw cycles, then freeze at -15° or lower.</p> <p>Refer to the Instruction Manual available online at <a href="http://www.immunostar.com">www.immunostar.com</a> for information on tissue preparation, immunostaining techniques, troubleshooting, and formulas.</p>
---------------------	---

## Application:

<b>IHC Quality Control:</b>	The antibody has significant staining at a 1/2,000 - 1/4,000 dilution in rat adrenal medulla using Biotin-avidin/HRP detection method.
<b>Tissue:</b>	Rat adrenal medulla
<b>Perfusion Fixation:</b>	<ul style="list-style-type: none"> <li>• Fixative - 4% paraformaldehyde in 0.1 M Phosphate buffer, pH 7.4; 500 mL over ~ 20-30 min.</li> <li>• Post Fixation - 1.5 hour at 4°C. in 4% paraformaldehyde in 0.1M phosphate buffer, pH 7.4.</li> </ul>
<b>Sections:</b>	10 µm cryostat
<b>Tissue Incubation:</b>	16 hours at 4°C
<b>Detection System:</b>	Use Biotin-avidin/HRP according to manufacturer's directions.
<b>Suggested Dilution:</b>	1/1,000 - 1/2,000 in PBS/0.3% Triton X-100 - Bn-AV/HRP

## Notes:

<b>Special Instructions:</b>	It is recommended that the researcher perform a primary antibody dilution series using our dilution recommendations as a guideline. Note that a change in the fixation or buffering system as used in our protocol may change the configuration of the protein, and therefore, may alter the reactivity with the tissue tested.
<b>Storage:</b>	After reconstitution, use immediately or refrigerate at 2°-8° C up to 2 days. For long-term storage, appropriately aliquot antibody to avoid repeated freeze/thaw cycles and freeze at -15° C or lower.