



**PENINSULA LABORATORIES INC.**  
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**T-4107 (IHC7451)**  
**Rabbit Anti- Substance P**

**Specifications:**

- Amount:** Each vial contains 50uL of whole serum in lyophilized form. Reconstitute with 50ul of distilled water for the equivalent of undiluted antiserum.
- Storage:** This polyclonal antibody is supplied as a lyophilized powder. Store at 2-8°C upon receipt. For long-term storage, store at -20°C and can be stable for up to one year. Avoid repeated freeze/thaw cycles.
- Applications:** Immunohistochemistry, Immunocytochemistry, and other applications
- Sample Types:** The antibody can react with a variety of sample preparation including frozen tissue sections, paraffin embedded tissue and fixed cell cultures.

**Starting dilution for Immunohistochemical staining:**

Immunofluorescence: 1:200  
PAP or ABC: 1:500-1:1000  
LAB-SA: 1:500

**Cross Reaction:**

<b>Peptide</b>	<b>%</b>
Substance P	100
Substance P 2-11	100
Substance P 3-11	74.5
Neurokinin A	40
Substance P 4-11	12.4
Substance P 5-11	12.4
Substance P 6-11	4.8
Substance P 7-11	0
Substance P 8-11	0
Substance P 9-11	0
Endothelin-1	0

%Cross-Reactivity data is taken from Radioimmunoassay applications