



Biochemistry

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## Anti Substance P (Rabbit) Affinity Purified IgG Fraction

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<For Research Use Only>  
Wako Catalog No. 016-13911      1mL (100 µg/mL)

Anti Substance P is isolated from rabbit antiserum against Substance P, and consists of the IgG fraction in 20 mM PBS solution (pH 7.2).  
The product has been treated with a Protein A column and affinity purified using a sepharose column.

**Protein content:** 100 µg IgG/mL ( $A_{280\text{nm}}$ )

**Preparation:** Cys-Substance P is synthesized by adding cys to the N-terminus of the Substance P peptide (arg-pro-lys-pro-gln-gln-phe-phe-gly-leu-met-NH<sub>3</sub>).  
A conjugated hapten carrier is then prepared by combining the peptide with KLH (keyhole limpet and hemocyanin) and is introduced into rabbit as an antigen.

**Specificity:** Does not cross-react with enkephalin, endorphin, or bradykinin.

**Antibody titer:** 1:10,000 (EIA method)

**References:**

1. Viamontes, G.I., *et al.*: *J. Immunol. Meth.*, **94**, 13-17 (1986).
2. Hokfelt, T., *et al.*: *Proc. Nat. Acad. Sci.*, **75**, 1013-1015 (1978).

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