



Rabbit Polyclonal Antibody to Human Synaptophysin

Catalog No.: RP 036, RP 036-05

Intended Use: This product is intended for qualitative immunohistochemistry with normal and neoplastic formalin-fixed, paraffin-embedded tissue sections, to be viewed by light microscopy. Clinical interpretation of staining results should be accompanied by histological studies with proper controls. Patients' clinical histories and other relevant diagnostic tests should be utilized by a qualified person (s) when evaluating and interpreting results.

Immunogen: Synthetic human synaptophysin coupled to keyhole limpet hemocyanin.

Host: Rabbit

Format: Affinity purified immunoglobulin fraction of rabbit antiserum against human synaptophysin containing sodium azide as a preservative.

Titer/Working Dilution: This antibody may be diluted to a titer of 1:25-1:50 in an ABC method. The final dilution should be determined by the user based upon the staining conditions employed.

Staining Protocol: We suggest an incubation period of 30 minutes at room temperature. Optimal incubation conditions should be determined by the user based upon the fixation conditions and staining system employed. Formalin fixed paraffin embedded tissue sections require high temperature antigen unmasking with 10 mM citrate buffer, pH 6.0 prior to immunostaining.

Specificity: This antibody reacts with a hydrophilic peptide of 38 kD. The antibody stains neuroendocrine cells of adrenal medulla, carotid body, skin, pituitary gland, lung, and pancreas.

Positive Control: Pancreas

Cellular Localization: Cytoplasmic

Storage: Store at 2-8°C. Do not use beyond the expiration date stated on the label.

References: i) wiedenmann et al. Cell 41: 1017, 1985.
ii) Navone et al. J Cell Biol 103: 2511, 1986.
iii) Gould et al. Am J Pathol 126: 243, 1987.
iv) Kayser et al. Pathol Res Pract 183: 412, 1988

IVD: For In Vitro Diagnostic Use