

Synaptophysin Recombinant Rabbit Monoclonal Antibody

Cat:HKZ150171
Company: HaoKebio

Uniprot ID:P08247

Organism:Rabbit

Species reactivity:Human

Predicted Molecular Weight: 34 kDa

Applications: IHC: 1:100-1:200

IHC-Polymer: 1:400-1:800

TSA:1:500-1:1000

Background:

Synaptophysin (Syn), also known as major synaptic vesicle protein p38, is a protein encoded by the SYP gene in humans. The exact function of this protein remains unclear. Although it interacts with essential synaptic vesicle proteins, experimental inactivation in animals shows that they still express and function normally. Syn reacts with neuroendocrine cells in the human adrenal medulla, carotid body, skin, pituitary gland, thyroid, lungs, pancreas, and gastrointestinal mucosa. This antibody recognizes normal neuroendocrine cells and neuroendocrine tumors. Syn is not co-expressed with other neural differentiation markers, making it useful as a diagnostic marker for tumor differentiation.

Protein full name:

Synaptophysin

Synonyms:

SYP, MRX96, SYN

Immunogen:

Synthetic peptide corresponding to amino acid residues 213–313 of human Synaptophysin.

Isotype:

IgG

Subcellular location:

Cytoplasm

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

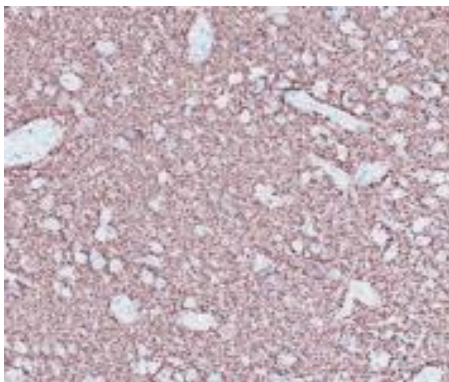
59% PBS, 0.01% sodium azide, 40% glycerol, 0.05% BSA.

Storage:

Ship on blue ice. Upon receipt, aliquot and store at -25°C to -18°C. Avoid repeated freeze-thaw cycles.

Experimental procedure:

Antigen retrieval using Tris-EDTA buffer (pH 9.0); primary antibody incubation at room temperature (18 °C – 25 °C) for 30 minutes.

Images:


HKZ150171-labeled Synaptophysin in glioma tissue (formalin-fixed, paraffin-embedded sections) using Tris-EDTA buffer (pH 9.0) for antigen retrieval.

Source of Reagents:

1. Wiedemann B, et al. Proc Natl Acad Sci U S A. 1986 May; 83(10):3500-4.
2. Quinn B. Am J Surg Pathol. 1998 May;22(5):550-6.

Source of Reagents:

发表[中文论文]请标注: Synaptophysin (HKZ150171) 由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注: Synaptophysin (HKZ150171) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.

