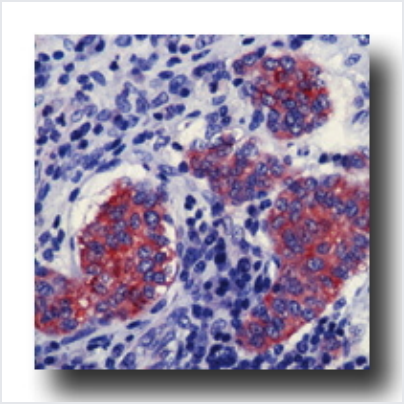
Synaptophysin Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Synaptophysin, Polyclonal Antibody
Full Product Name	Synaptophysin (BSA & Azide Free) (AP)
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Rat
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Alkaline Phosphatase (AP).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Reacts with neuroendocrine neoplasms of neural as well as epithelial types. In combination with anti-chromogranin A and anti-NSE, very useful in the identification of normal neuroendocrine cells and neuroendocrine neoplasms. Species Crossreactivity: Human and rat.
Preparation and Storage	May be stored at 4 degree C for short-term only. For long-term storage and to avoid repeated freezing and thawing, aliquot and add glycerol (40-50%). Freeze at -20 degree C or colder. Aliquots are stable for at least 12 months at -20 degree C. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Further dilutions can be made in assay buffer.
Molecular Weight	38kD
Immunogen	Synthetic peptide from C-terminus of human synaptophysin.
Conjugate	AP
Positive Control	IMR-5 cells. Pancreas or Pheochromocytoma or GI tumor.
Epitope	C-terminal
Note	Preservative Free
Product Categories/Family for anti-Synaptophysin antibody	Antibodies; Synaptophysin
Applications Tested/Suitable for anti-Synaptophysin antibody	Immunohistochemistry (IHC) Paraffin, Western Blot (WB)
Application Notes for anti-Synaptophysin antibody	IHC-P: 5-10ug/ml for 30 min at RT. Note: Staining of formalin-fixed tissues requires boiling tissue sections in 10mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 min. WB: 5-10ug/ml for 2 hours at RT. Applications are based on unconjugated antibody.
Related Product Information for anti-Synaptophysin antibody	MBS6501899 is an antibody targeting Synaptophysin. Also known as Synaptophysin (BSA & Azide Free) (AP). Reactive in Human, Rat. Host: Rabbit.
Product References and Citations for anti-Synaptophysin antibody	1. Blumenfeld W; et al (1996). Archives of Pathology and Laboratory Medicine. 120(5):478-81. 2. Dottorini ME, et al. (1996). Cancer, 77(8):1556-65.
Other Notes	Small volumes of anti-Synaptophysin antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Immunohistochemistry (IHC) of anti-Synaptophysin antibody
Formalin-fixed, paraffin-embedded human GI tumor stained with S9500-40X using peroxidase-conjugate and AEC chromogen. Note cytoplasmic staining of tumor cells.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Synaptophysin. It may not necessarily be applicable to this product.

Protein Family	Synaptophysin
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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