

Polyclonal antibody against Synaptophysin

Clone no. -

MONOSAN

Product name	Polyclonal antibody against Synaptophysin
Host	Rabbit
Applications	IHC-P (1:100-1:500)
Species reactivity	human
Conjugate	-
Immunogen	Unknown or proprietary to MONOSAN and/or its suppliers
Isotype	-
Clonality	Polyclonal
Clone number	-
Size	1 ml
Concentration	n/a
Format	-
Storage buffer	Tris Buffer, pH 7.3-7.7, containing 1% BSA and <0.1% Sodium Azide
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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Additional info

Anti-Synaptophysin reacts with neuroendocrine cells of human adrenal medulla, carotid body, skin, pituitary, thyroid, lung, pancreas and gastrointestinal mucosa. Positive staining is seen in neurons of the brain, spinal cord, retina, and Paneth's cells in the gastrointestinal tract and gastric parietal cells. This antibody identifies normal neuroendocrine cells and neuroendocrine neoplasms. Diffuse, finely granular cytoplasmic staining is observed, which probably correlates with the distribution of the antigen within neurosecretory vesicles. The expression of synaptophysin is independent of the presence of NSE or other neuroendocrine markers. Anti-Synaptophysin is an independent broadrange marker of neural and neuroendocrine differentiation.

References

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2. Wiedenmann B, et al. Cell. 1985; 41:1017-28
3. Kayser K, et al. Pathol Res Pract. 1988; 183:412-7
4. Conner MG, et al. Ann Diagn Pathol. 2002; 6:345-8
5. Lyda MH, et al. Hum Pathol. 2000; 31:980-7

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