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Synaptophysin Staining Method

National Cancer Institute

Source

National Cancer Institute. *Synaptophysin Staining Method*. NCI Thesaurus. Code C23029.

This is an immunohistochemical technique utilizing antibody to synaptophysin, an integral membrane glycoprotein present in presynaptic vesicles in neurons. The antibody labels neuroendocrine cells and neurons of the brain, spinal cord and retina. Used to detect neuroendocrine neoplasms including neuroblastomas, ganglioneuroblastomas, ganglioneuromas, pheochromocytomas, chromaffin, and non-chromaffin paragangliomas.