

SYN**Mouse Monoclonal antibody(Mab)****Catalog # AD80038****Specification**

SYN - Product info

Application	IHC-P
Primary Accession	O15061
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	172868

SYN - Additional info

Gene ID	6855
Gene Name	SYP
Other Names	
Synemin, Desmuslin, SYNM (HGNC:24466), DMN, KIAA0353, SYN	

Dilution

IHC-P~~Ready-to-use

Storage

Maintain refrigerated at 2-8°C

Precautions**Synaptophysin Antibody is for research use only and not for use in diagnostic or therapeutic procedures.****SYN - Protein Information****Name** SYNM ([HGNC:24466](#))**Function****Possibly involved in structural functions as organizing other membrane components or in targeting the vesicles to the plasma membrane. Involved in the regulation of short-term and long-term synaptic plasticity (By similarity).****Cellular Location****Cytoplasmic vesicle, secretory vesicle, synaptic vesicle membrane; Multi- pass membrane protein. Cell junction, synapse, synaptosome****Tissue Location****Expressed in the brain, with expression in the hippocampus, the neuropil in the dentate gyrus, where expression is higher**

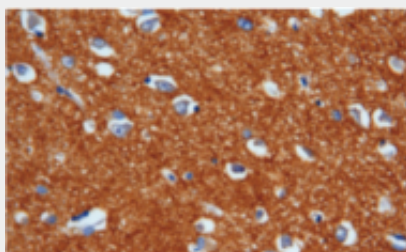
**in the outer half of the molecular layer
than in the inner half, and in the neuropil
of CA4 and CA3**

SYN - Protocols

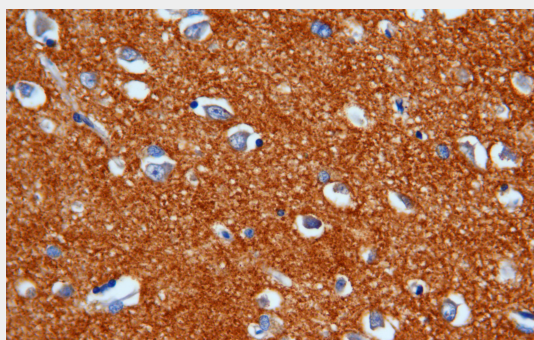
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

SYN - Images



Brain



Immunohistochemical analysis of paraffin-embedded 0 tissue using AD80282 performed on the Abcarta® FAIP-30 Fully automated IHC platform. Tissue was fixed with formaldehyde at room temperature, antigen retrieval was by heat mediation with a Citrate buffer (pH6. 0). Samples were incubated with primary antibody (Ready-to-use) for 15 min at room temperature. AmpSee™ Detection Systems □ Abcepta:AR005 □ was used as the secondary antibody.