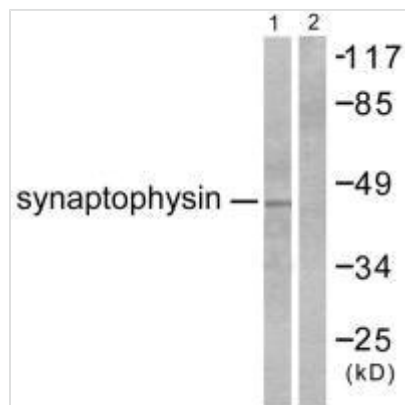




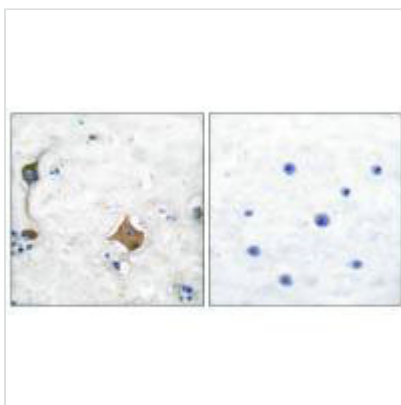
SYP Antibody

Product Code	CSB-PA290322
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P08247
Immunogen	Synthesized peptide derived from Human Synaptophysin.
Raised In	Rabbit
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous levels of total Synaptophysin protein.
Tested Applications	ELISA,WB,IHC;WB:1:500-1:3000,IHC:1:50-1:100
Relevance	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. Tiffany C. Wheeler, J. Biol. Chem., Mar 2002; 277: 10273 - 10282. RE Leube, J. Cell Biol., Dec 1994; 127: 1589. Reinhard Jahn, J. Neurosci., Mar 1999; 19: 1922. PL Cameron, J. Cell Biol., Oct 1991; 115: 151.
Form	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification Method	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Alias	major synaptic vesicle protein p38; synaptophysin;
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	SYP

Image



Western blot analysis of extracts from LOVO cells, using Synaptophysin antibody.



Immunohistochemical analysis of paraffin-embedded human brain tissue using Synaptophysin antibody.