

**Cat. No:** AB-84155  
**Conjugate:** Unconjugated  
**Size:** 100 ug  
**Clone:** poly  
**Concentration:** 1mg/ml  
**Host:** Rb  
**Isotype:** IgG  
**Immunogen:** Synaptophysin  
**Reactivity:** Hu, Ms, Rt

Elisa  
Western Blot 1:500-1:3000  
**Applications:** Immunoprecipitation: 1:500-1:2000  
Immunohistochemistry (paraffin) 1:50 - 1:500  
Immunofluorescence: 1:10 - 1:100

**Molecular Weight:** 40kDa

**Purification:** Aff. Pur.

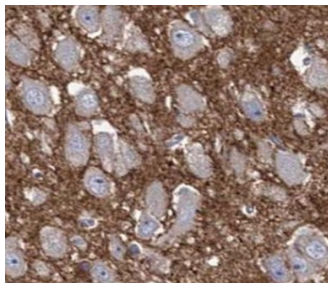
**Background:**

Synaptophysin (SYP), also known as major synaptic vesicle protein p38) is a 38-kDa integral membrane glycoprotein that regulates synaptic vesicle endocytosis. It is the most abundant synaptic vesicle protein by mass. Synaptophysin is present in neuroendocrine cells and neurons that participate in synaptic transmission. Synaptophysin is a useful marker for identification of neuroendocrine cells and neoplasms.

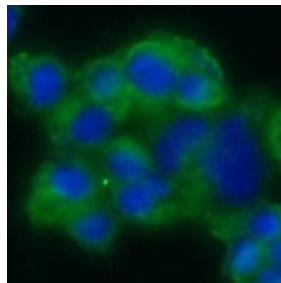
**Form:** Liquid

**Buffer:** At +4°C for short term. For longer term store at -20°C, avoid repeat freeze-thaw cycles

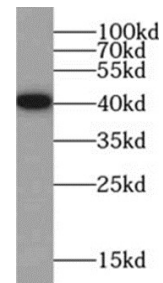
**Storage:** Store at -20°C. Avoid freeze / thaw cycles.



Immunohistochemistry of paraffin-embedded human pancreas tissue slide 1:200



Immunofluorescent analysis of PC-12 cells using (Synaptophysin Antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG(H+L)



Human brain tissue were subjected to SDS PAGE followed by western blot with a conc. 1:1000

**For Research use only  
IMMUNOLOGICAL SCIENCES**