Recombinant Synaptophysin (Neuroendocrine Marker) Antibody

Rabbit Monoclonal Antibody [Clone SYP/13924R]

Catalog No	Format	Size
6855-RBM26-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
6855-RBM26-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
6855-RBM26-P1ABX	Purified Ab WITHOUT BSA or Azide at 1.0mg/ml	100 ug

Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes
Western Blot (WB)	2-4ug/ml	

Product Details

Clone	SYP/13924R
Immunogen	Recombinant fragment (around aa 1-313) of human SYP protein
Host	Rabbit
Clonality	Monoclonal
Isotype / Light Chain	IgG / Kappa
Mol. Weight of Antigen	33.84kDa
Cellular Localization	Cytoplasmic vesicle, Secretory vesicle, Synapse, Synaptic vesicle membrane, Synaptosome
Species Reactivity	Human
Positive Control	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 (PubMed:8838578)

**Optimal dilution for a specific application should be determined.*

Product Images for Recombinant Synaptophysin (Neuroendocrine Marker) Antibody

Specificity & Comments

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).

Supplied As

200ug/ml of Ab produced in a mammalian-based expression system. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.