

Product datasheet for **UM500093**

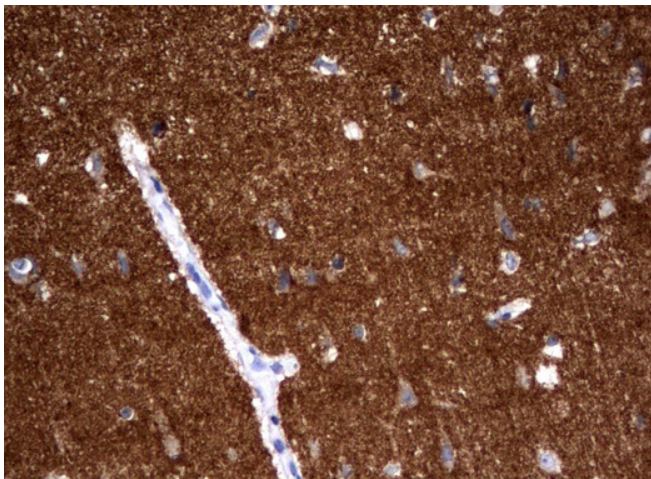
Synaptotagmin 4 (SYT4) Mouse Monoclonal Antibody [Clone ID: UMAB128]

Product data:

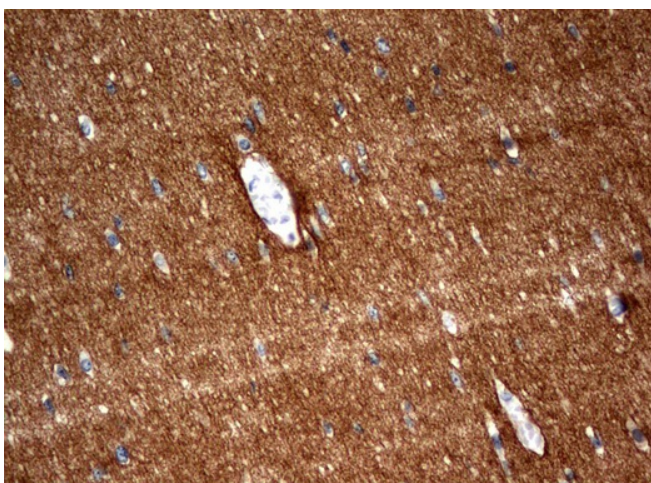
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|-------------------------|---|
| Product Type: | Primary Antibodies |
| Clone Name: | UMAB128 |
| Applications: | 10k-ChIP, IF, IHC |
| Recommended Dilution: | IHC 1:100~200 |
| Reactivity: | Human, Mouse, Rat |
| Host: | Mouse |
| Isotype: | IgG1 |
| Clonality: | Monoclonal |
| Immunogen: | Full length human recombinant protein of human SYT4(NP_065834) produced in HEK293T cell. |
| Formulation: | PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide. |
| Concentration: | 0.5~1.0 mg/ml (Lot Dependent) |
| Purification: | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G) |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Predicted Protein Size: | 47.8 kDa |
| Gene Name: | synaptotagmin 4 |
| Database Link: | NP_065834 Entrez Gene 6860 Human Q9H2B2 |
| Synonyms: | HsT1192 |
| Protein Families: | Secreted Protein, Transmembrane |



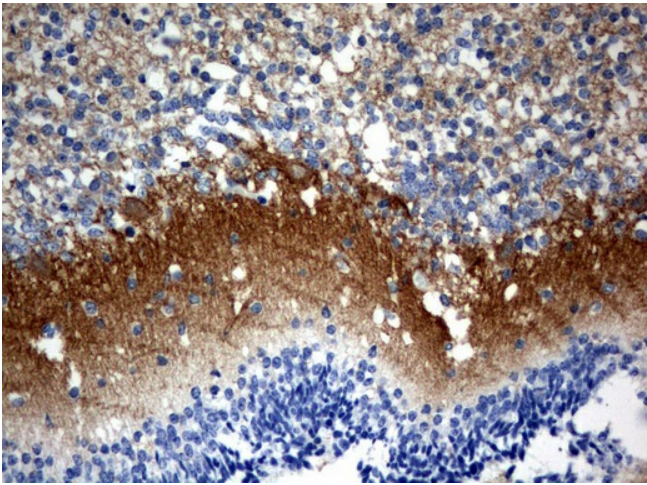
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Product images:

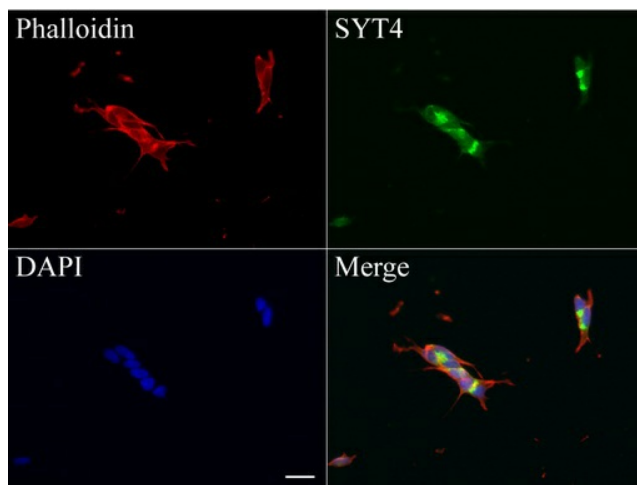
Immunohistochemical staining of paraffin-embedded Human adult brain tissue using anti-SYT4 mouse monoclonal antibody. (UM500093; heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min)



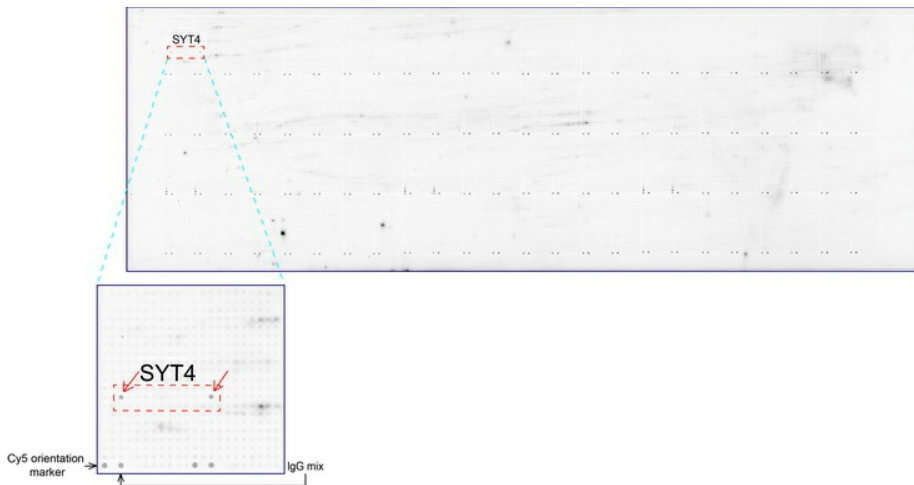
Immunohistochemical staining of paraffin-embedded Human embryonic brain cortex tissue using anti-SYT4 mouse monoclonal antibody. (UM500093; heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min)



Immunohistochemical staining of paraffin-embedded Human embryonic cerebellum using anti-SYT4 mouse monoclonal antibody. (UM500093; heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min)



Immunofluorescent staining of SH-SY5Y cells using anti-SYT4 mouse monoclonal antibody (UM500093, green, 1:100). Actin filaments were labeled with Alexa Fluor® 594 Phalloidin (red), and nuclear with DAPI (blue). Scale bar, 20µm.



OriGene overexpression protein microarray chip was immunostained with UltraMAB anti-FCGR2A mouse monoclonal antibody ([UM500050]). The positive reactive proteins are highlighted with two red arrows in the enlarged subarray. All the positive controls spotted in this subarray are also labeled for clarification.