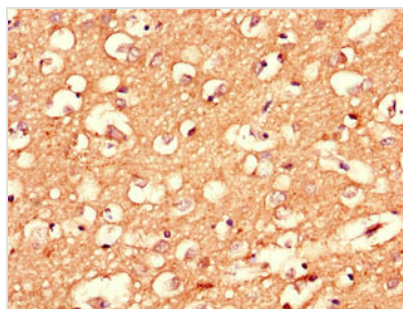




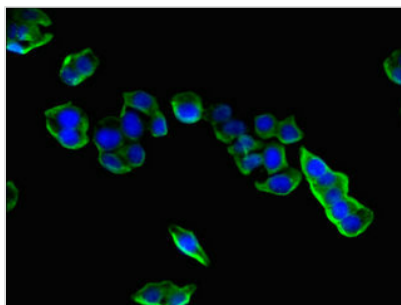
# CPLX1 Antibody

|                            |                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Code</b>        | CSB-PA005893LA01HU                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Storage</b>             | Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.                                                                                                                                                                                                                                                                                                                                                       |
| <b>Uniprot No.</b>         | O14810                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Immunogen</b>           | Recombinant Human Complexin-1 protein (1-134AA)                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Raised In</b>           | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Species Reactivity</b>  | Human                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Tested Applications</b> | ELISA, IHC, IF; Recommended dilution: IHC:1:20-1:200, IF:1:50-1:200                                                                                                                                                                                                                                                                                                                                                 |
| <b>Relevance</b>           | Positively regulates a late step in synaptic vesicle exocytosis. Organizes the SNAREs into a cross-linked zigzag topology that, when interposed between the vesicle and plasma membranes, is incompatible with fusion, thereby preventing SNAREs from releasing neurotransmitters until an action potential arrives at the synapse. Also involved in glucose-induced secretion of insulin by pancreatic beta-cells. |
| <b>Form</b>                | Liquid                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Conjugate</b>           | Non-conjugated                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Storage Buffer</b>      | Preservative: 0.03% Proclin 300<br>Constituents: 50% Glycerol, 0.01M PBS, PH 7.4                                                                                                                                                                                                                                                                                                                                    |
| <b>Purification Method</b> | >95%, Protein G purified                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Isotype</b>             | IgG                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Clonality</b>           | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Alias</b>               | Complexin-1 (Complexin I) (CPX I) (Synaphin-2), CPLX1                                                                                                                                                                                                                                                                                                                                                               |
| <b>Species</b>             | Human                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Research Area</b>       | Others                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Target Names</b>        | CPLX1                                                                                                                                                                                                                                                                                                                                                                                                               |

## Image



Immunohistochemistry of paraffin-embedded human brain tissue using CSB-PA005893LA01HU at dilution of 1:100



Immunofluorescent analysis of HepG2 cells using CSB-PA005893LA01HU at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)