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Liprin-a3

Cat.No. 169 002; Polyclonal rabbit antibody, 200 µl antiserum (lyophilized)

Data Sheet

Reconstitution/ Storage	200 μl antiserum, lyophilized. For reconstitution add 200 μl H_2O , then aliquot and store at -20°C until use.
Applications	WB: 1: 1000 (AP staining) IP: not tested yet ICC: not recommended IHC: not recommended IHC-P/FFPE: not tested yet
Immunogen	Recombinant protein corresponding to AA 313 to 461 from mouse Liprin-α3 (UniProt Id: P60469)
Reactivity	Reacts with: human (O75145), rat (Q91Z79), mouse (P60469). No signal: zebrafish. Other species not tested yet.
Specificity	This antibody probably cross reacts to isoforms 1, 2, 4, due to sequence homologies.
matching control	169-0P

TO BE USED IN VITRO / FOR RESEARCH ONLY NOT TOXIC, NOT HAZARDOUS, NOT INFECTIOUS, NOT CONTAGIOUS

The **liprin-a/Syd 2** protein family was initially identified as binding partners of the LAR family of receptor protein-tyrosine phosphatases.

Liprin- α proteins are multidomain proteins which are involved in the development of presynaptic active zones. Four isoforms of liprin- α have been described, so far and all of them interact with the RIM binding partners ERC 1b and ERC 2.

All four isoforms of liprin- α have also been identified as members of the MALS complex composed of CASK, Mint1 and Velis. This complex has been reported to be crucial for synaptic vesicle exocytosis.

Selected References SYSY Antibodies

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