

**CPLX4 Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP55385**

## Specification

---

### CPLX4 Polyclonal Antibody - Product Information

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	<a href="#">Q7Z7G2</a>
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	18336

### CPLX4 Polyclonal Antibody - Additional Information

**Gene ID** 339302

#### Other Names

Complexin-4, Complexin IV, CPX IV, CPLX4

#### Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

#### Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

### CPLX4 Polyclonal Antibody - Protein Information

**Name** CPLX4

#### Function

Complexin that regulates SNARE protein complex-mediated synaptic vesicle fusion (By similarity). Required for the maintenance of synaptic ultrastructure in the adult retina (By similarity). Positively regulates synaptic transmission through synaptic vesicle availability and exocytosis of neurotransmitters at photoreceptor ribbon synapses in the retina (By similarity). Suppresses tonic photoreceptor activity and baseline 'noise' by suppression of Ca(2+) vesicle tonic release and the facilitation of evoked synchronous and asynchronous Ca(2+) vesicle release (By similarity).

#### Cellular Location

Synapse {ECO:0000250|UniProtKB:Q80WM3}. Cell membrane; Lipid-anchor {ECO:0000250|UniProtKB:Q80WM3}. Note=Enriched at the synaptic terminal. {ECO:0000250|UniProtKB:Q80WM3}

### CPLX4 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**CPLX4 Polyclonal Antibody - Images**