

Datasheet for ABIN1742277

anti-UNC13A/Munc13-1 antibody (AA 3-317)

3 Images

3 Publications

[Go to Product page](#)

Overview

Quantity:	200 µL
Target:	UNC13A/Munc13-1 (UNC13A)
Binding Specificity:	AA 3-317
Reactivity:	Human, Mouse, Rat, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunocytochemistry (ICC), Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant rat munc 13-1 (aa 3-317).
Specificity:	Specific for munc 13-1.
Purification:	antiserum

Target Details

Target:	UNC13A/Munc13-1 (UNC13A)
Alternative Name:	Munc 13-1 (UNC13A Products)
Pathways:	Skeletal Muscle Fiber Development , Synaptic Vesicle Exocytosis

Application Details

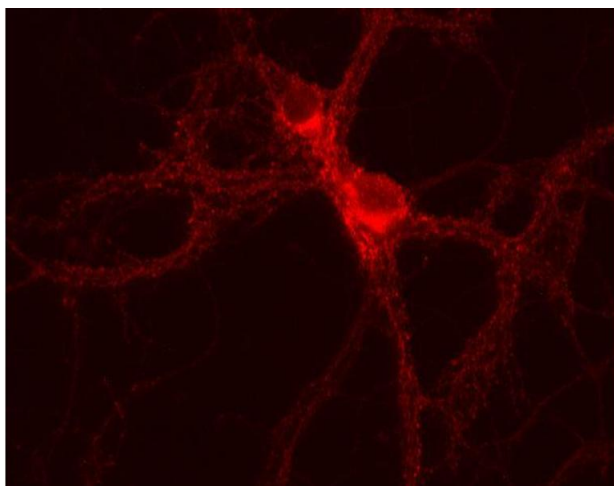
Application Notes:	WB: 1 : 1000 (AP staining) ICC: 1 : 500 IHC: 1 : 200 ELISA: not tested yet
Comment:	IP: For most effective IP use the solubilization protocol described in the ELISA protocol. Consider that protein-protein interaction may be affected. ICC: This antibody gives much better results in ICC than the monoclonal antibody. ELISA: Suitable as detector antibody for sandwich-ELISA with ABIN1742276 as capture antibody (protocol for sandwich-ELISA).
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	For reconstitution add 200 µl H ₂ O, then aliquot and store at -20°C until use.
Buffer:	PBS
Handling Advice:	Crude antisera are more robust than monoclonals. With anti-microbials added, they may be stored at 4 °C. Serum does not contain active proteases, in fact, serum itself contains a powerful cocktail of protease inhibitors. Frozen storage (-20 °C), however, is preferable.
Storage:	4 °C/-20 °C
Storage Comment:	Unlabeled antibodies are stable in this form without loss of quality at ambient temperatures for several weeks or even months. They can be stored at 4 °C for several years.

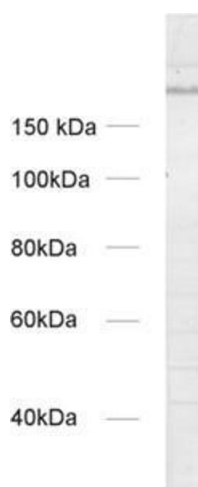
Publications

Product cited in:	Bozdagi, Sakurai, Dorr, Pilorge, Takahashi, Buxbaum: "Haploinsufficiency of Cyfip1 produces fragile X-like phenotypes in mice." in: PLoS ONE , Vol. 7, Issue 8, pp. e42422, (2012) (PubMed).
	Steffen, Faix, Resch, Linkner, Wehland, Small, Rottner, Stradal: "Filopodia formation in the absence of functional WAVE- and Arp2/3-complexes." in: Molecular biology of the cell , Vol. 17, Issue 6, pp. 2581-91, (2006) (PubMed).



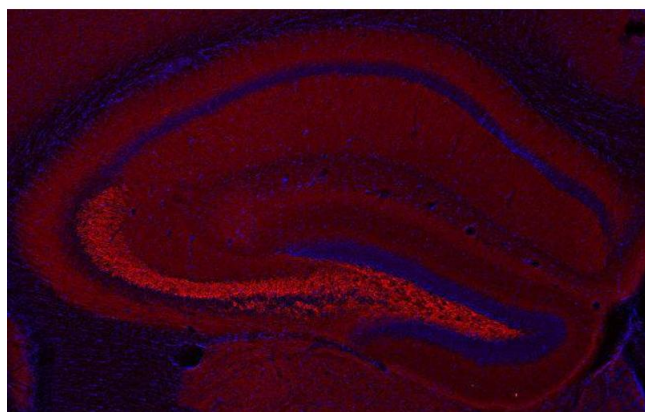
Immunocytochemistry

Image 1. Indirect immunostaining of PFA fixed mouse hippocampus neurons (dilution 1 : 500).



Western Blotting

Image 2. dilution: 1 : 1000, sample: crude synaptosomal fraction of rat brain (P2)



Immunohistochemistry

Image 3. Indirect immunostaining of a PFA fixed mouse hippocampus section (dilution 1 : 200; red). Nuclei have been visualized by DAPI staining (blue).