

Datasheet for ABIN1742276

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



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1 Image

6 Publications

### Overview

Quantity:	100 µg
Target:	UNC13A/Munc13-1 (UNC13A)
Binding Specificity:	AA 3-317
Reactivity:	Mouse, Rat, Zebrafish (Danio rerio)
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), ELISA, Immunoprecipitation (IP)

### Product Details

Immunogen:	Recombinant rat munc 13-1 (aa 3-317).
Clone:	266B1
Isotype:	IgG2b
Specificity:	Specific for munc 13-1.
Purification:	purified IgG

### Target Details

Target:	UNC13A/Munc13-1 (UNC13A)
Alternative Name:	Munc 13-1 ( <a href="#">UNC13A Products</a> )
Pathways:	<a href="#">Skeletal Muscle Fiber Development</a> , <a href="#">Synaptic Vesicle Exocytosis</a>

## Application Details

Application Notes:	WB: 1 : 500 up to 1 : 5000 (AP staining) ICC: limited IHC: 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: limited to methanol fixation. ELISA: Suitable as capture antibody for sandwich-ELISA as detector antibody (protocol for sandwich-ELISA).
Restrictions:	For Research Use only

## Handling

Format:	Lyophilized
Reconstitution:	For reconstitution add 100 µL H <sub>2</sub> O to get a 1mg/ml solution of antibody in PBS. Then aliquot and store at -20 °C until use.
Buffer:	PBS
Handling Advice:	Do not store diluted antibody solutions unless you add detergent or carrier proteins such as goat serum, BSA or others. IgG sticks to glass and plastic. Any IgG solution below 0.1 mg/mL protein will quickly adsorb and denature and thus lose activity! Repetitive freeze-thawing of dilute purified IgG is almost certain to lead to substantial losses.
Storage:	-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:	Atkinson, Floerchinger, Qiao, Casey, Williamson, Moseley, Stoica, Goddard, Ge, Tullius, Tomlinson: "Donor brain death exacerbates complement-dependent ischemia/reperfusion injury in transplanted hearts." in: <b>Circulation</b> , Vol. 127, Issue 12, pp. 1290-9, (2013) ( <a href="#">PubMed</a> ).
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There are more publications referencing this product on: [Product page](#)



Western Blotting

**Image 1.** dilution: 1 : 500, sample: crude synaptosomal fraction of rat brain (P2)