

Datasheet for ABIN1742409

anti-Slc30a3 antibody (AA 2-75)**3** Images**2** Publications[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	Slc30a3
Binding Specificity:	AA 2-75
Reactivity:	Mouse, Rat
Host:	Mouse
Clonality:	Monoclonal
Application:	Immunohistochemistry (IHC), Western Blotting (WB), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Immunogen:	Recombinant protein of mouse ZnT 3 (aa 2-75).
Clone:	180C1
Isotype:	IgG1
Specificity:	Specific for ZnT 3.
Purification:	purified IgG. Azide was added before lyophilization.

Target Details

Target:	Slc30a3
Alternative Name:	ZnT 3 (Slc30a3 Products)
Pathways:	Transition Metal Ion Homeostasis

Application Details

Application Notes: WB: 1 : 1000 (AP staining)
ICC: 1 : 500
IHC: 1 : 100

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: For reconstitution add 100 µL H₂O to get a 1mg/ml solution of antibody in PBS. Then aliquot and store at -20 °C until use.

Buffer: PBS, 0.02% sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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.

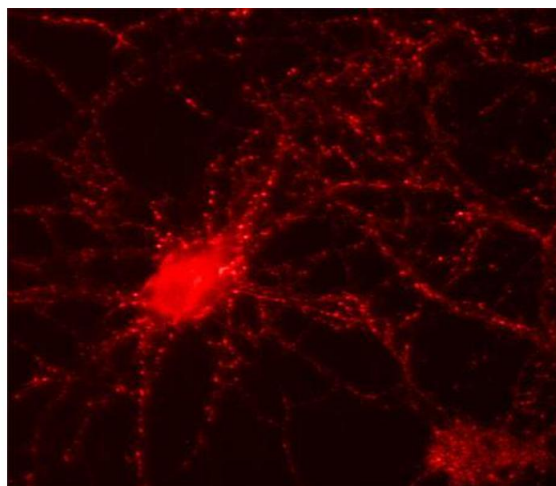
Storage: -20 °C

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: 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](#)).



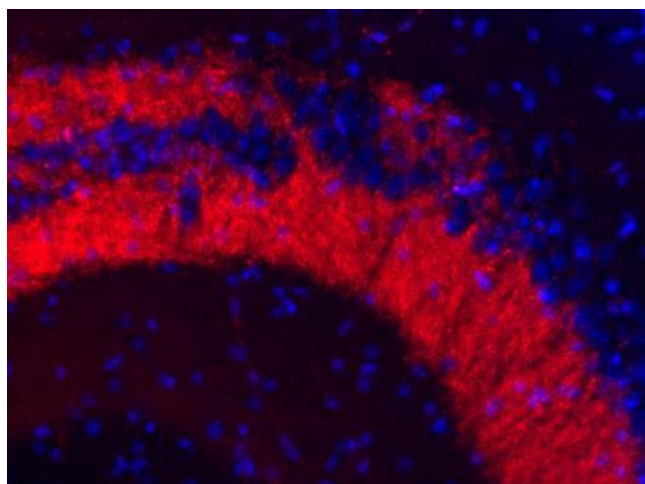
Immunocytochemistry

Image 1. Indirect immunohistochemistry of a rat hippocampus section (dilution 1 : 500).



Western Blotting

Image 2. dilution: 1 : 1000, sample: synaptic vesicle fraction of rat brain (LP2)



Immunohistochemistry

Image 3. Indirect immunohistochemistry of a mouse hippocampus section (dilution 1 : 100; red). Nuclei were visualized by DAPI staining (blue).