

Datasheet for ABIN1742411
anti-Slc30a3 antibody (AA 2-75)

4 Images

3 Publications

[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	Slc30a3
Binding Specificity:	AA 2-75
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Immunohistochemistry (IHC), Western Blotting (WB), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Immunogen:	Recombinant protein of mouse ZnT 3 (aa 2-75).
Specificity:	Specific for ZnT 3.
Purification:	Affinity purified with the immunogen. Rabbit serum albumin was added for stabilization.

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 : 100 up to 1 : 500 IHC: 1 : 100 up to 1 : 500
--------------------	--

Restrictions:	For Research Use only
---------------	-----------------------

Handling

Format:	Lyophilized
---------	-------------

Reconstitution:	For reconstitution add 50 µL H ₂ O to get a 1mg/ml solution of antibody in PBS, then aliquot and store at -20 °C until use.
-----------------	--

Buffer:	PBS
---------	-----

Handling Advice:	Affinity purified antibodies are less robust than antisera, since protease inhibitors are also removed during purification. Hence, storage at 4 °C for prolonged periods (i.e. several weeks), is not recommended.
------------------	--

Storage:	-20 °C
----------	--------

Storage Comment:	Unlabeled lyophilized 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. Lyophilized antibodies must not be stored in the freezer, they may be destroyed!
------------------	--

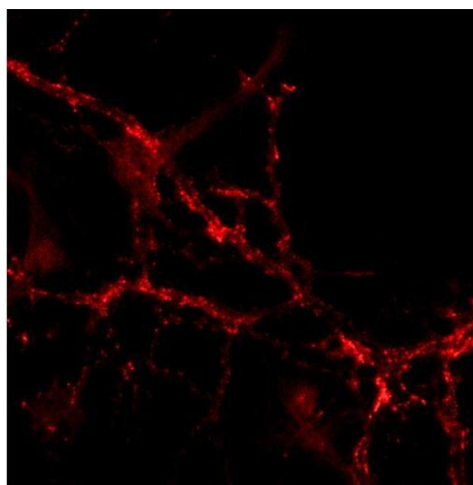
Publications

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: Circulation , Vol. 127, Issue 12, pp. 1290-9, (2013) (PubMed).
-------------------	---



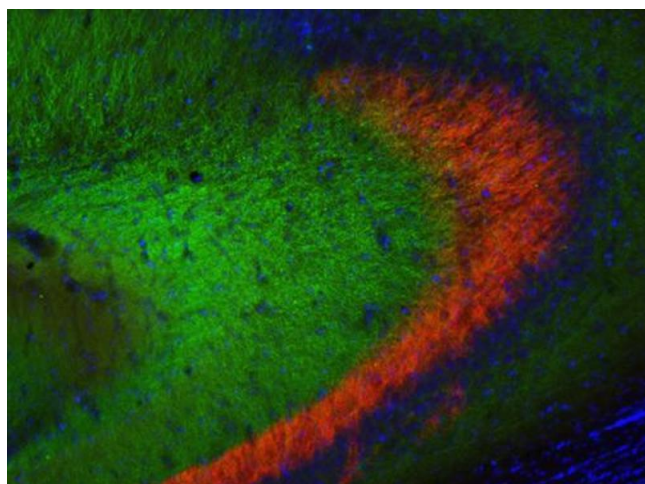
Western Blotting

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



Immunocytochemistry

Image 2. Immunocytochemistry on cultured hippocampus neurons (dilution 1 : 200).



Immunohistochemistry

Image 3. Indirect immunohistochemistry of a mouse hippocampus section with anti ZnT-3 (dilution 1 : 250; red) and anti-MAP2 (Cat. No.: 188 011, dilution 1 : 200; green). Nuclei were visualized by DAPI staining (blue).

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN1742411.