

Datasheet for ABIN1742302

anti-SLC17A8 antibody (C-Term)[2 Images](#)[2 Publications](#)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	SLC17A8
Binding Specificity:	AA 543-601, C-Term
Reactivity:	Mouse
Host:	Guinea Pig
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant C-terminus of mouse VGLUT 3 (aa 543-601).
Specificity:	Specific for mouse VGLUT 3.
Purification:	antiserum

Target Details

Target:	SLC17A8
Alternative Name:	VGLUT 3 (SLC17A8 Products)
Pathways:	Sensory Perception of Sound, Dicarboxylic Acid Transport

Application Details

Application Notes:	WB: 1 : 1000 (AP staining)
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Application Details

IP: not tested yet
ICC: not tested yet
IHC: 1 : 500

Comment: WB: Due to the low abundance of this protein in the brain, immunoblotting is difficult. This antibody works well in immunohistochemistry on 4 % para-formaldehyde / 0.1 % glutaraldehyde fixed tissue sections.

Restrictions: For Research Use only

Handling

Format: Liquid

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.

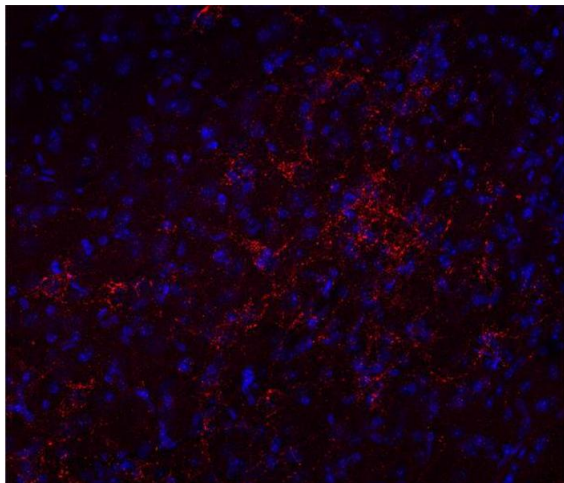
Storage: 4 °C/-20 °C

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](#)).



Immunohistochemistry

Image 1. Indirect immunostaining of a PFA fixed mouse brain section (dilution 1 : 500; red). Nuclei have been visualized by DAPI staining (blue).



Western Blotting

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