



Datasheet for ABIN1742342
anti-HOMER3 antibody (AA 1-177)



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4 Images

1 Publication

Overview

Quantity:	50 µg
Target:	HOMER3
Binding Specificity:	AA 1-177
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC)

Product Details

Immunogen:	Purified recombinant protein of rat homer 3 (aa 1-177).
Specificity:	AA 122-177, unique for homer 3, were used for affinity purification. According to Soloviev et al. (2000), they are present in isoform a, partially present b, and absent from c and d.
Purification:	Affinity purified with the immunogen. Rabbit serum albumin was added for stabilization.

Target Details

Target:	HOMER3
Alternative Name:	Homer 3 (HOMER3 Products)
Background:	Synonyms: VesL 3

Application Details

Application Notes: WB: 1 : 1000 (AP staining)
 IP: not tested yet
 ICC: 1 : 250
 IHC: 1 : 500

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: For reconstitution add 50 µL H₂O 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!

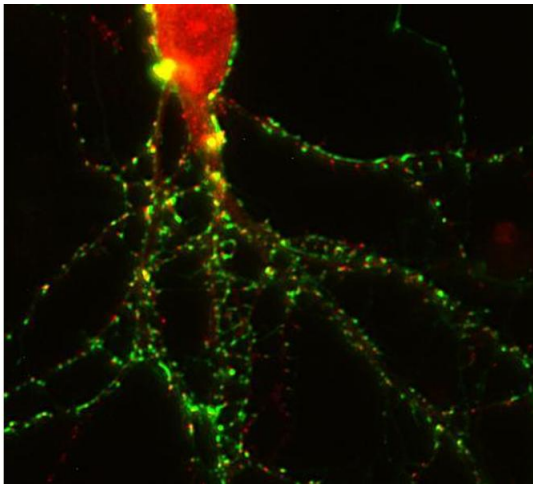
Publications

Product cited in: McLinden, Kaufman, Xiang, Chang, Klinzman, Engel, Hess, Schmidt, Houghton, Stapleton: "Characterization of an immunodominant antigenic site on GB virus C glycoprotein E2 that is involved in cell binding." in: **Journal of virology**, Vol. 80, Issue 24, pp. 12131-40, (2006) ([PubMed](#)).



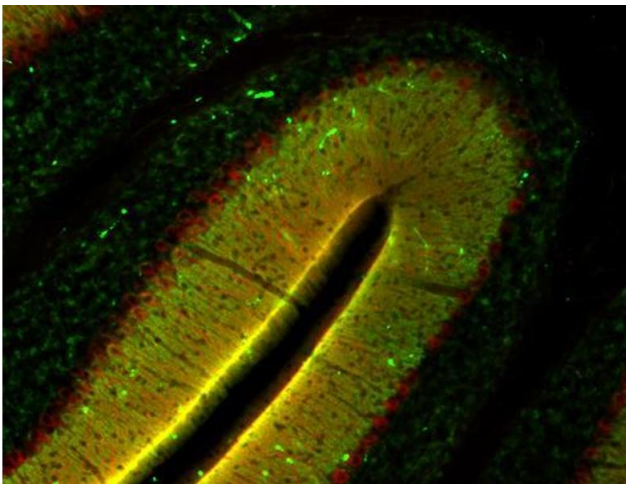
Western Blotting

Image 1. dilution: 1 : 1000, sample: rat brain homogenate



Immunocytochemistry

Image 2. Immunostaining of a rat hippocampus neuron with anti-homer 3 (dilution 1 : 250; red) and anti-synapsin 1 (cat. no. 106 001, dilution 1 : 500 green).



Immunohistochemistry

Image 3. Indirect immunolabeling of mouse cerebellum section with anti-homer 3 (dilution 1 : 500; red) and anti-synapsin (cat. no. 106 001, dilution 1 : 500; green).

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN1742342.