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Datasheet for ABIN1742341 anti-HOMER2 antibody (AA 1-176)

2 Images

1 Publication



Overview

Background:

Pathways:

Quantity:	50 µg
Target:	HOMER2
Binding Specificity:	AA 1-176
Reactivity:	Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunocytochemistry (ICC)
Product Details	
Immunogen:	Purified recombinant protein of rat homer 2 (aa 1-176).
Specificity:	AA 121-176, unique for homer 2, were used for affinity purification. According to Soloviev et al. (2000), they are present in isoform a, b, and d and partially present in c.
Purification:	Affinity purified with the immunogen. Rabbit serum albumin was added for stabilization.
Target Details	
Target:	HOMER2
Alternative Name:	Homer 2 (HOMER2 Products)

Synaptic Membrane, Regulation of G-Protein Coupled Receptor Protein Signaling

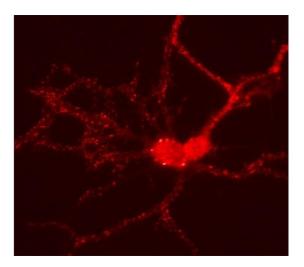
Synonyms: VesL 2, Cupidin

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



Immunocytochemistry

Image 1. Indirect immunolabeling of PFA fixed cultured rat hippocampus neurons (dilution 1 : 500).

Western Blotting

Image 2. dilution: 1 : 1000, sample: crude synaptic membranes fraction of rat brain (LP1)

