

Datasheet for ABIN7043599

anti-RIC3 antibody (C-Term, Intracellular)

3 Images

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Overview

Quantity:	25 µL
Target:	RIC3
Binding Specificity:	AA 161-174, C-Term, Intracellular
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Immunohistochemistry (IHC), Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	Immunogen: Synthetic peptide Immunogen Sequence: (C)EKLINRVGPNGESR, corresponding to amino acid residues 161-174 of mouse RIC3
Isotype:	IgG
Characteristics:	Anti-RIC3 Antibody (ABIN7043599, ABIN7044633 and ABIN7044634)) is a highly selective antibody directed against an epitope of mouse protein RIC-3. The antibody can be used in western blot and immunohistochemistry applications. It has been designed to recognize RIC3 from human, mouse, and rat samples.
Purification:	Affinity purified on immobilized antigen.

Target Details

Target:	RIC3
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Target Details

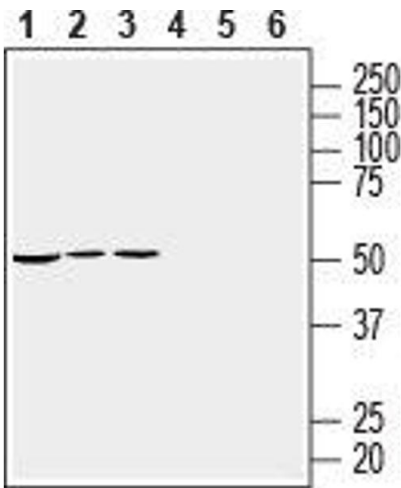
Alternative Name:	RIC3 (RIC3 Products)
Background:	Alternative names: RIC3, Protein RIC-3, RIC3 acetylcholine receptor chaperone, Resistant to inhibitor of cholinesterase 3
Gene ID:	320360
NCBI Accession:	NM_024557
UniProt:	Q8BPM6

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

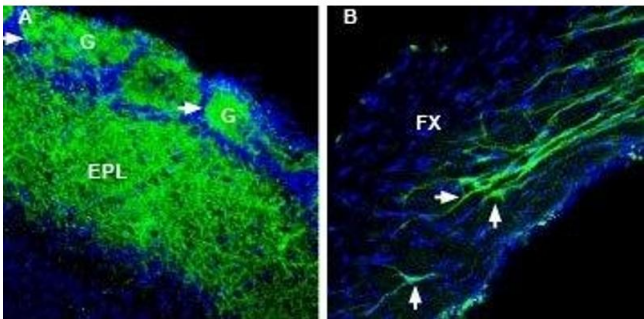
Handling

Format:	Lyophilized
Reconstitution:	25 µL, 50 µL or 0.2 mL double distilled water (DDW), depending on the sample size.
Concentration:	0.8 mg/mL
Buffer:	Reconstituted antibody contains phosphate buffered saline (PBS), pH 7.4, 1 % BSA, 0.05 % 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.
Storage:	RT, 4 °C, -20 °C
Storage Comment:	<p>Storage before reconstitution: The antibody ships as a lyophilized powder at room temperature. Upon arrival, it should be stored at -20°C.</p> <p>Storage after reconstitution: The reconstituted solution can be stored at 4°C for up to 1 week. For longer periods, small aliquots should be stored at -20°C. Avoid multiple freezing and thawing. Centrifuge all antibody preparations before use (10000 x g 5 min).</p>



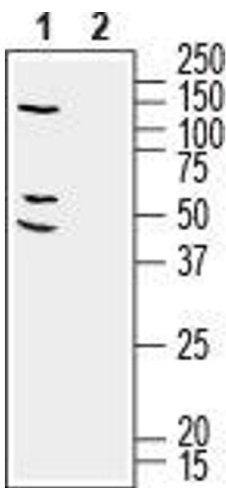
Western Blotting

Image 1. Western blot analysis of mouse heart membranes (lanes 1 and 4), rat heart lysate (lanes 2 and 5) and rat brain lysate (lanes 3 and 6): - 1-3. Anti-RIC3 Antibody (ABIN7043599, ABIN7044633 and ABIN7044634), (1:200). 4-6. Anti-RIC3 Antibody, preincubated with RIC3 Blocking Peptide (#BLP-NC020).



Immunohistochemistry

Image 2. Expression of RIC-3 in mouse olfactory bulb and fornix - Immunohistochemical staining of perfusion-fixed frozen mouse brain sections with Anti-RIC3 Antibody (ABIN7043599, ABIN7044633 and ABIN7044634), (1:400), followed by goat-anti-rabbit-AlexaFluor-488. A. RIC-3 staining in mouse olfactory bulb shows staining in the external plexiform layer (EPL) and in some glomeruli (G). Arrows point at glomeruli with RIC-3 positive core. B. RIC-3 staining in mouse fornix is detected in neuronal profiles (vertical arrows) and neuronal processes (horizontal arrow). Cell nuclei are stained with DAPI (blue).



Western Blotting

Image 3. Western blot analysis of human SH-SY5Y neuroblastoma cell line lysate: - 1. Anti-RIC3 Antibody (ABIN7043599, ABIN7044633 and ABIN7044634), (1:200). 2. Anti-RIC3 Antibody, preincubated with RIC3 Blocking Peptide (#BLP-NC020).