

Datasheet for ABIN361402
anti-Stargazin antibody (C-Term)

2 Images

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Overview

Quantity:	100 µL
Target:	Stargazin (CACNG2)
Binding Specificity:	C-Term
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Stargazin antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Synthetic peptide corresponding to amino acid residues from the C-terminal region conjugated to KLH
Specificity:	Specific for the ~36k stargazin protein. Immunolabeling of the stargazin band is blocked by preadsorption with the peptide used as antigen.
Cross-Reactivity:	Rat (Rattus)
Predicted Reactivity:	mouse
Purification:	Antigen Affinity Purified from Pooled Serum

Target Details

Target:	Stargazin (CACNG2)
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Target Details

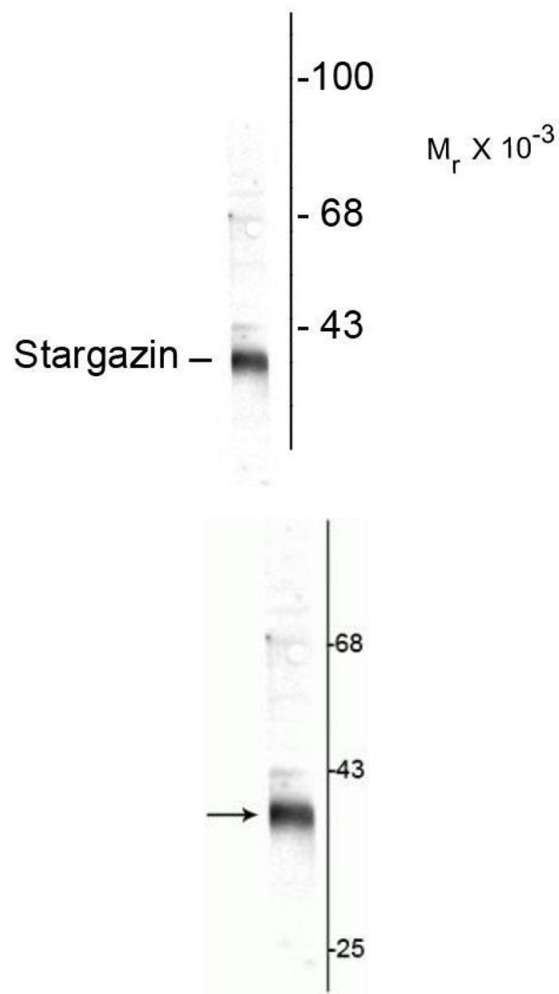
Alternative Name:	CACNG2 (CACNG2 Products)
Background:	Stargazin is a member of the transmembrane AMPAR regulatory proteins (TARP) family and is involved in glutamate receptor trafficking. It has been recently demonstrated (Tomita et al., 2005, Priel et al., 2005) that the interaction between stargazin and AMPA receptors is critical for the correct localization of the receptors at the synapse. Phosphorylation of the stargazin protein at Thr 321 by Protein Kinase A regulates its interaction with PSD-95 and synaptic targeting of AMPA receptors (Choi et al., 2002). Anti-Stargazin Western blot of rat synaptic membrane (SPM) showing specific immunolabeling of the ~ 36k stargazin protein.
Molecular Weight:	'36 kDa
Gene ID:	12300
UniProt:	O88602
Pathways:	Skeletal Muscle Fiber Development

Application Details

Application Notes:	Recommended Dilution: WB: 1:1000 Quality Control: Western blots performed on each lot.
Restrictions:	For Research Use only

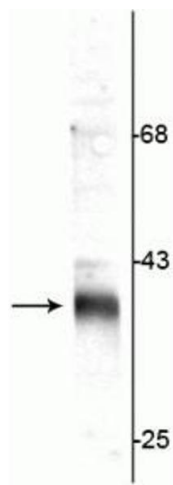
Handling

Format:	Liquid
Buffer:	100 µL in 10 mM HEPES (pH 7.5), 150 mM NaCl, 100 µg per ml BSA and 50 % glycerol.
Storage:	-20 °C



Western Blotting

Image 1. Western blots of rat synaptic membrane (SPM) showing specific immunolabeling of the ~ 36k stargazin protein.



Western Blotting

Image 2. Western blot of rat synaptic plasma membrane (SPM) lysate showing specific immunolabeling of the ~36 kDa stargazin protein.