

Anti-Stargazin Antibody

Our Anti-Stargazin rabbit polyclonal primary antibody from PhosphoSolutions is produced in-house. It
Catalog # AN1558

Specification

Anti-Stargazin Antibody - Product Information

Primary Accession	O88602
Reactivity	Bovine
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	35895

Anti-Stargazin Antibody - Additional Information

Gene ID **12300**

Other Names

AW060990 antibody, B230105C07Rik antibody, B930041E13Rik antibody, Cacng2 antibody, Calcium channel voltage dependent gamma subunit 2 antibody, CaV gamma 2 antibody, CCG2_HUMAN antibody, Ipr328 antibody, MGC123981 antibody, MGC138502 antibody, MGC138504 antibody, Neuronal voltage gated calcium channel gamma 2 subunit antibody, Neuronal voltage-gated calcium channel gamma-2 subunit antibody, Stargazer antibody, stg antibody, TARP gamma-2 antibody, Transmembrane AMPAR regulatory protein gamma-2 antibody, Voltage dependent calcium channel gamma 2 subunit antibody, Voltage-dependent calcium channel gamma-2 subunit antibody, Wag antibody, Wagglar antibody

Target/Specificity

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).

Format

Antigen Affinity Purified from Pooled Serum

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Anti-Stargazin Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Shipping

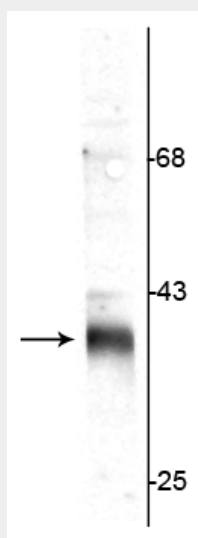
Blue Ice

Anti-Stargazin Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-Stargazin Antibody - Images



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

Anti-Stargazin Antibody - Background

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