

**Anti-Stargazin Antibody**

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

**Specification**

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**Anti-Stargazin Antibody - Product Information**

Primary Accession	<a href="#">O88602</a>
Reactivity	<b>Bovine</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>
Isotype	<b>IgG</b>
Calculated MW	<b>35895</b>

**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**

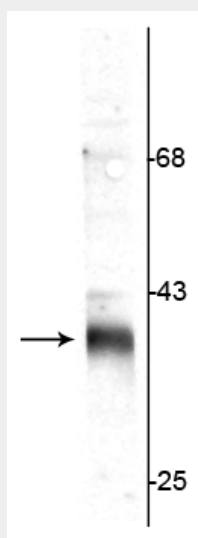
Blue Ice

## 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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