

Datasheet for ABIN1742379

anti-GRIA2 antibody (AA 278-292)[Go to Product page](#)**1** Image**1** Publication

Overview

| | |
|----------------------|---|
| Quantity: | 50 µg |
| Target: | GRIA2 |
| Binding Specificity: | AA 278-292 |
| Reactivity: | Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Application: | Western Blotting (WB), Immunoprecipitation (IP) |

Product Details

| | |
|---------------|---|
| Immunogen: | Synthetic peptide (aa 278-292 of rat GluA 2, unprocessed precursor) coupled to KLH via a C-terminal cysteine. |
| Specificity: | Specific for GluA 2. |
| Purification: | Affinity purified with the immunogen. Rabbit serum albumin was added for stabilization. |

Target Details

| | |
|-------------------|---|
| Target: | GRIA2 |
| Alternative Name: | GluA 2 (GRIA2 Products) |
| Background: | Synonyms: AMPA 2, GluR 2 |
| Pathways: | PI3K-Akt Signaling |

Application Details

Application Notes: WB: 1 : 1000 (AP staining)
 ICC: not tested yet
 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

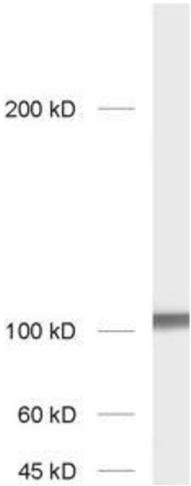
Handling Advice: Affinity purified antibodies are less robust than antisera, since protease inhibitors are also removed during purification. Hence, storage at 4 °C for prolonged periods (i.e. several weeks), is not recommended.

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: Luchkina, Huupponen, Clarke, Coleman, Keinänen, Taira, Lauri: "Developmental switch in the kinase dependency of long-term potentiation depends on expression of GluA4 subunit-containing AMPA receptors." in: **Proceedings of the National Academy of Sciences of the United States of America**, Vol. 111, Issue 11, pp. 4321-6, (2014) ([PubMed](#)).



Western Blotting

Image 1. dilution: 1 : 1000; sample: rat hippocampus homogenate