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## 35-1587: Polyclonal Antibody to GluR1 (Ab-863)

**Clonality:** Polyclonal

**Application:** 

**Reactivity:** Rat, Mouse, Human

 Gene :
 GRIA1

 Gene ID :
 2890

 Uniprot ID :
 P42261

 Format :
 Purified

Alternative Name: GLR1, GLUH1, GRIA1, GluR-1, GluR-A

**Isotype:** Rabbit IgG

Immunogen Information: Peptide sequence around aa.861~865 (R-N-S-G-A) derived from Human GluR1.

## **Description**

Glutamate receptors are the predominant excitatory neurotransmitter receptors in the mammalian brain and are activated in a variety of normal neurophysiologic processes. These receptors are heteromeric protein complexes with multiple subunits, each possessing transmembrane regions, and all arranged to form a ligand-gated ion channel. The classification of glutamate receptors is based on their activation by different pharmacologic agonists. This gene belongs to a family of a-amino-3-hydroxy-5-methyl-4-isoxazole propionate (AMPA) receptors. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

## **Product Info**

**Amount :** 50 μl / 100 μl

Content: Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM

NaCl, 0.02% sodium azide and 50% glycerol.

**Storage condition :** Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid

repeated freeze and thaw cycles.

## **Application Note**

Predicted MW: 110kd, Immunofluorescence: 1:100~1:200

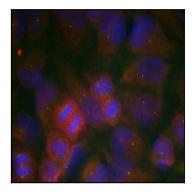


Figure 1: Immunofluorescence staining of methanol-fixed Hela cells using GluR1(Ab-863) Antibody 35-1587.