

Product datasheet for **TA313966**

Ionotropic Glutamate receptor 2 (GRIA2) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 1:500~1:3000, IHC: 1:50~1:100, ELISA: 1:20000
Reactivity:	Human, Mouse, Rat
Modifications:	Phospho-specific
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The antiserum was produced against synthesized phosphopeptide derived from human Glutamate receptor 2 around the phosphorylation site of serine 880 (I-E-SP-V-K).
Formulation:	Phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration:	lot specific
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	glutamate ionotropic receptor AMPA type subunit 2
Database Link:	NP_000817 Entrez Gene 14800 Mouse Entrez Gene 29627 Rat Entrez Gene 2891 Human P42262
Synonyms:	GluA2; GluR-K2; GLUR2; GLURB; HBGR2
Note:	Glutamate receptor 2 (phospho-Ser880) antibody detects endogenous levels of Glutamate receptor 2 only when phosphorylated at serine 880.
Protein Families:	Druggable Genome, Ion Channels: Glutamate Receptors, Transmembrane



[View online »](#)

Protein Pathways: Amyotrophic lateral sclerosis (ALS), Long-term depression, Long-term potentiation, Neuroactive ligand-receptor interaction