

## Product datasheet for **TA372690S**

### **GRIK3 Rabbit Polyclonal Antibody**

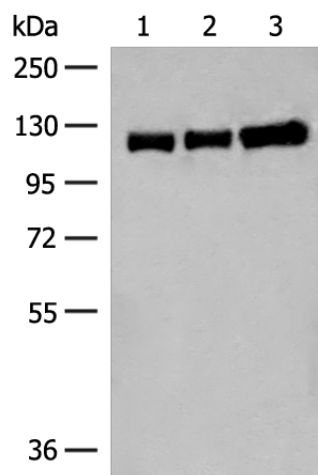
#### **Product data:**

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 500-2000 WB positive control: Human cerebella tissue, Human cerebrum tissue and Human fetal brain tissue lysates
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human GRIK3
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	104 kDa
Gene Name:	glutamate ionotropic receptor kainate type subunit 3
Database Link:	<a href="#">Entrez Gene 2899 Human Q13003</a>
Background:	Glutamate receptors are the predominant excitatory neurotransmitter receptors in the mammalian brain and are activated in a variety of normal neurophysiologic processes. This gene product belongs to the kainate family of glutamate receptors, which are composed of four subunits and function as ligand-activated ion channels. It is not certain if the subunit encoded by this gene is subject to RNA editing as the other 2 family members (GRIK1 and GRIK2). A Ser310Ala polymorphism has been associated with schizophrenia, and there are conflicting reports of its association with the pathogenesis of delirium tremens in alcoholics.
Synonyms:	EAA5; GLR7; GluR-7; GLUR7; GluR7a



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## Product images:



Gel: 6%SDS-PAGE  
Lysate: 40  $\mu$ g  
Lane 1-3: Human cerebella tissue  
Human cerebrum tissue and Human fetal brain  
tissue lysates  
Primary antibody: [TA372690] (GRIK3 Antibody) at  
dilution 1/400  
Secondary antibody: Goat anti rabbit IgG at  
1/8000 dilution  
Exposure time: 3 minutes