

**GRIK3 rabbit pAb**

<b>Catalog No :</b>	YT7448
<b>Reactivity :</b>	Human;Mouse;Rat
<b>Applications :</b>	WB
<b>Target :</b>	GRIK3
<b>Fields :</b>	>>Neuroactive ligand-receptor interaction;>>Glutamatergic synapse
<b>Gene Name :</b>	GRIK3 GLUR7
<b>Protein Name :</b>	GRIK3
<b>Human Gene Id :</b>	2899
<b>Human Swiss Prot No :</b>	Q13003
<b>Mouse Gene Id :</b>	14807
<b>Mouse Swiss Prot No :</b>	B1AS29
<b>Rat Gene Id :</b>	298521
<b>Rat Swiss Prot No :</b>	P42264
<b>Immunogen :</b>	Synthesized peptide derived from human GRIK3 AA range: 209-259
<b>Specificity :</b>	This antibody detects endogenous levels of GRIK3 at Human/Mouse/Rat
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1[?]500-2000
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-

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chromatography using epitope-specific immunogen.

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**Concentration :** 1 mg/ml

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**Storage Stability :** -15°C to -25°C/1 year(Do not lower than -25°C)

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**Molecularweight :** 101kD

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**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. [provided by RefSeq, Jul 2008],

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**Function :** function:Receptor for glutamate. L-glutamate acts as an excitatory neurotransmitter at many synapses in the central nervous system. The postsynaptic actions of Glu are mediated by a variety of receptors that are named according to their selective agonists. This receptor binds domoate > kainate >> L-glutamate = quisqualate >> AMPA = NMDA.,RNA editing:Partially edited.,similarity:Belongs to the glutamate-gated ion channel (TC 1.A.10) family.,subunit:Homomeric. Can also coassemble with either GRIK4 or GRIK5 to form heteromeric receptors. Interacts with PRKCABP.,

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**Subcellular Location :** Cell membrane; Multi-pass membrane protein. Cell junction, synapse, postsynaptic cell membrane; Multi-pass membrane protein.

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**Sort :** 7109

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**No4 :** 1

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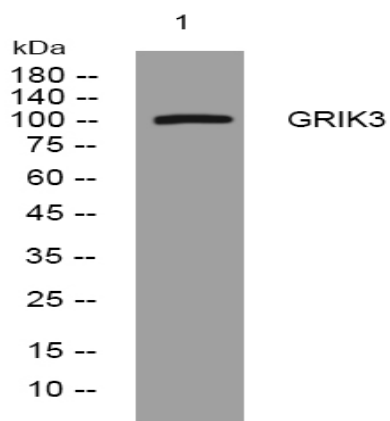
**Host :** Rabbit

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**Modifications :** Unmodified

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**Products Images**



Western blot analysis of lysates from 293T cells, primary antibody was diluted at 1:1000, 4° over night