

## GRIK2 (GluR6) Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP15781
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	Synthetic Peptide of GRIK2 (GluR6)
<b>Mol wt</b>	N/A
<b>Species reactivity</b>	Human
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	IHC-p, IF
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	Glutamate receptor, ionotropic kainate 2
<b>Synonyms</b>	Glutamate receptor, ionotropic kainate 2 ;Excitatory amino acid receptor 4;EAA4;Glutamate receptor 6;GluR-6;GluR6; Glutamate receptor, ionotropic kainate 2; Excitatory amino acid receptor 4; EAA4; Glutamate receptor 6; GluR-6; GluR6

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### Background

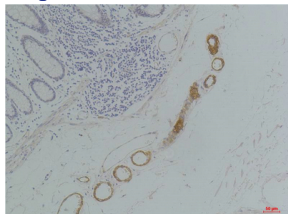
Glutamate receptors are the predominant excitatory neurotransmitter receptors in the mammalian brain and are activated in a variety of normal neurophysiologic processes. This gene product belongs to the kainate family of glutamate receptors, which are composed of four subunits and function as ligand-activated ion channels. The subunit encoded by this gene is subject to RNA editing at multiple sites within the first and second transmembrane domains, which is thought to alter the structure and function of the receptor complex. Alternatively spliced transcript variants encoding different isoforms have also been described for this gene. Mutations in this gene have been associated with autosomal recessive mental retardation.

### Recommended Dilution

IHC: 1: 100 - 1: 200

Not yet tested in other applications.

### Images



Immunohistochemical analysis of paraffin-embedded Human Colon Tissue using GRIK2(GluR6) Rabbit pAb diluted at 1:200.

### Storage

-20°C for 1 year