

DNAxPAb

Hard-to-Find
Antibody

GRIK2 DNAxPab

Catalog # H00002898-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a partial-length human GRIK2 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Extracellular membrane domain (ECD) human DNA
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — GRIK2

Entrez GeneID	2898
GeneBank Accession#	BC063814.1
Protein Accession#	AAH63814.1
Gene Name	GRIK2
Gene Alias	EAA4, GLR6, GLUK6, GLUR6, MGC74427, MRT6
Gene Description	glutamate receptor, ionotropic, kainate 2
Omim ID	138244 611092
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	OTTHUMP00000017949 bA487F5.1 excitatory amino acid receptor 4 glutamate receptor 6

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Autistic Disorder](#)
- [Genetic Predisposition to Disease](#)
- [Huntington disease](#)
- [Mental Disorders](#)
- [Obsessive-Compulsive Disorder](#)
- [Schizophrenia](#)
- [Sexual Dysfunction](#)

- [Sexual Dysfunctions](#)
- [Tobacco Use Disorder](#)