

GRIA4 Antibody

Catalog No: #46568

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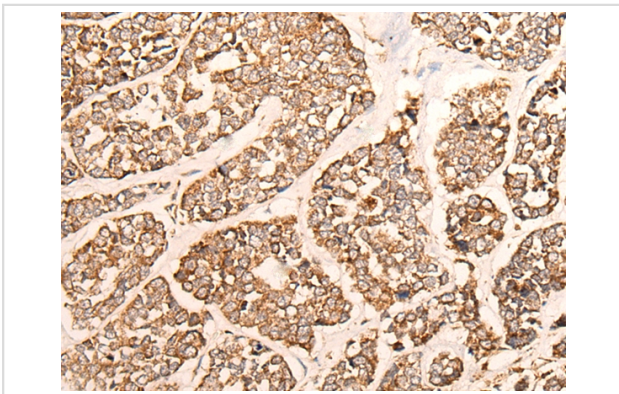
Description

Product Name	GRIA4 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	IHC
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total GRIA4 protein.
Immunogen Type	peptide
Immunogen Description	Synthetic peptide corresponding to residues near the C terminal of human GRIA4
Target Name	GRIA4
Other Names	GLUR4; GLURD; GluA4; GLUR4C
Accession No.	Swiss-Prot:P48058NCBI Gene ID:2893NCBI Protein:NP_000820
Uniprot	P48058
GeneID	2893;
Concentration	1mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

Application Details

Immunohistochemistry: 1: 30-150

Images



The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using 46568(GRIA4 Antibody) at dilution 1/40, on the right is treated with synthetic peptide. (Original magnification: x200)

Background

Glutamate receptors are the predominant excitatory neurotransmitter receptors in the mammalian brain and are activated in a variety of normal neurophysiologic processes. These receptors are heteromeric protein complexes composed of multiple subunits, arranged to form ligand-gated ion channels. The classification of glutamate receptors is based on their activation by different pharmacologic agonists. The subunit encoded by this gene belongs to a family of AMPA (alpha-amino-3-hydroxy-5-methyl-4-isoxazole propionate)-sensitive glutamate receptors, and is subject to RNA editing

(AGA->GGA; R->G). Alternative splicing of this gene results in transcript variants encoding different isoforms, which may vary in their signal transduction properties. Some haplotypes of this gene show a positive association with schizophrenia.

Note: This product is for in vitro research use only