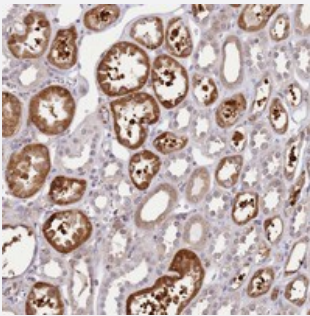


GABRE polyclonal antibody

Catalog # PAB24461 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human kidney with GABRE polyclonal antibody (Cat # PAB24461) shows strong cytoplasmic positivity in renal tubules at 1:500-1:1000 dilution.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant GABRE.
Immunogen	Recombinant protein corresponding to amino acids of human GABRE.
Sequence	PQTESKNEASSRDVVYGPQPQPLENQLLSEETKSTETETGSRVGKLPEASRILNTILSNYDHKLRP GIGKPTVVTVEIAVNSLGPL
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)

Storage Instruction

Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human kidney with GABRE polyclonal antibody (Cat # PAB24461) shows strong cytoplasmic positivity in renal tubules at 1:500-1:1000 dilution.

Gene Info — GABRE

Entrez GeneID[2564](#)**Protein Accession#**[P78334](#)**Gene Name**

GABRE

Gene Alias

-

Gene Description

gamma-aminobutyric acid (GABA) A receptor, epsilon

Omim ID[300093](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

The product of this gene belongs to the ligand-gated ionic channel (TC 1.A.9) family. It encodes the gamma-aminobutyric acid (GABA) A receptor which is a multisubunit chloride channel that mediates the fastest inhibitory synaptic transmission in the central nervous system. This gene encodes an epsilon subunit. It is mapped to chromosome Xq28 in a cluster comprised of genes encoding alpha 3, beta 4 and theta subunits of the same receptor. Alternatively spliced transcript variants have been identified, but only one is thought to encode a protein. [provided by RefSeq]

Other Designations

GABA(A) receptor|OTTHUMP00000025892

Publication Reference

- [Human breast cancer metastases to the brain display GABAergic properties in the neural niche.](#)

Neman J, Termini J, Wilczynski S, Vaidehi N, Choy C, Kowolik CM, Li H, Hambrecht AC, Roberts E, Jandial R.
PNAS 2014 Jan; 111(3):984.

Application: IF, Human, Breast cancer

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Anorexia Nervosa](#)
- [Bipolar Disorder](#)
- [Bulimia](#)
- [Disease Models](#)
- [Genetic Predisposition to Disease](#)
- [Mental Disorders](#)
- [Migraine with Aura](#)
- [Migraine without Aura](#)