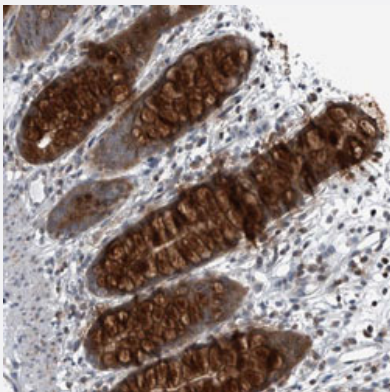


GAK polyclonal antibody

Catalog # PAB30977 Size 100 uL

Applications



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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human rectum with GAK polyclonal antibody (Cat # PAB30977) shows strong cytoplasmic positivity in glandular cells.

Specification

| | |
|---------------------|---|
| Product Description | Rabbit polyclonal antibody raised against partial recombinant human GAK. |
| Immunogen | Recombinant protein corresponding to human GAK. |
| Sequence | PGSTAQYDAGAGSPEAEPTDSDSPSSSADASRFLHTLDWQEEKEAETGAENASSKESESAL MEDRDESEVSDEGGSPISSEGQEPRADP |
| Host | Rabbit |
| Reactivity | Human |
| Form | Liquid |
| Purification | Antigen affinity purification |
| Isotype | IgG |
| Recommend Usage | Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:50-1:200) 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)

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Gene Info — GAK

Entrez GeneID[2580](#)**Protein Accession#**[O14976](#)**Gene Name**

GAK

Gene Alias

FLJ16629, FLJ40395, MGC99654

Gene Description

cyclin G associated kinase

Omim ID[602052](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

In all eukaryotes, the cell cycle is governed by cyclin-dependent protein kinases (CDKs), whose activities are regulated by cyclins and CDK inhibitors in a diverse array of mechanisms that involve the control of phosphorylation and dephosphorylation of Ser, Thr or Tyr residues. Cyclins are molecules that possess a consensus domain called the 'cyclin box.' In mammalian cells, 9 cyclin species have been identified, and they are referred to as cyclins A through I. Cyclin G is a direct transcriptional target of the p53 tumor suppressor gene product and thus functions downstream of p53. GAK is an association partner of cyclin G and CDK5. [provided by RefSeq]

Other Designations

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Disease

- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)

- [Parkinson Disease](#)