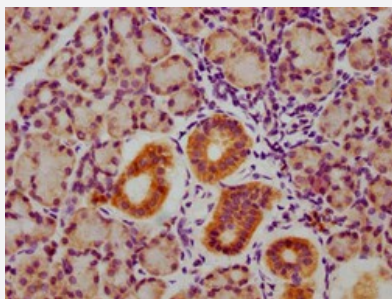


RecomAb™

GSK3A/GSK3B (phospho Y216/Y279) recombinant monoclonal antibody, clone 4A5

Catalog # RAB04261 Size 100 uL

Applications



Immunohistochemistry

Immunohistochemical staining of human pancreatic tissue with GSK3A/GSK3B (phospho Y216/Y279) recombinant monoclonal antibody, clone 4A5 (Cat # RAB04261) (diluted at 1:100).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human GSK3A.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic phosphopeptide corresponding to residues surrounding Y216/Y279 of human GSK3A.
Reactivity	Human
Form	Liquid
Purification	Affinity chromatography
Isotype	IgG
Recommend Usage	ELISA Immunohistochemistry (1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH7.4 (150mM NaCl, 50% glycerol and 0.02% sodium azide)

Storage Instruction

Store at -20 °C or -80 °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

Immunohistochemical staining of human pancreatic tissue with GSK3A/GSK3B (phospho Y216/Y279) recombinant monoclonal antibody, clone 4A5 (Cat # RAB04261) (diluted at 1:100).

- Enzyme-linked Immunoabsorbent Assay

Gene Info — GSK3A

Entrez GeneID[2931](#)**Protein Accession#**[P49840](#)**Gene Name**

GSK3A

Gene Alias

DKFZp686D0638

Gene Description

glycogen synthase kinase 3 alpha

Omim ID[606784](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

Glycogen synthase kinase 3-alpha (GSK3A; EC {2.7.1.37}) is a multifunctional protein serine kinase, homologous to Drosophila 'shaggy' (zeste-white3) and implicated in the control of several regulatory proteins including glycogen synthase (see GYS1, {138570}) and transcription factors (e.g., JUN, {165160}). It also plays a role in the WNT ({164820}) and PI3K (see PIK3CG, {601232}) signaling pathways (see review by {1:Ali et al. (2001)}). [supplied by OMIM]

Other Designations

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Pathway

- [Chemokine signaling pathway](#)

Disease

- [Cognition](#)
- [Coronary Disease](#)
- [Genetic Predisposition to Disease](#)
- [Schizophrenia](#)
- [Schizophrenic Psychology](#)
- [Weight Gain](#)