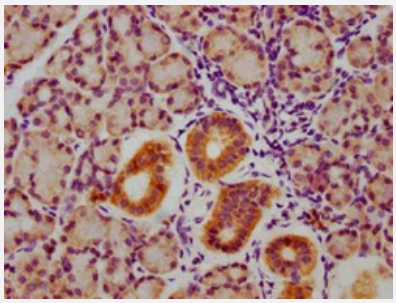
RecomAb™ Sm Size

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

Catalog # RAB08076 Size 50 uL

Applications



Immunohistochemistry

Immunohistochemical staining of human pancreatic tissue with GSK3A/GSK3B (phospho Y216/Y279) recombinant monoclonal antibody, (diluated 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 surroundin g Y216/Y279 of human GSK3A.
Reactivity	Human
Form	Liquid
Preparation Method	Mammalian cell (HEK293) expression system
Purification	Affinity chromatography
Isotype	IgG
Recommend Usage	ELISA Immunohistochemistry (1:50-1:200) The optimal working dilution should be determined by the end user.

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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 shoul d be handled by trained staff only.

Applications

- Immunohistochemistry

  Immunohistochemical staining of human pancreatic tissue with GSK3A/GSK3B (phospho Y216/Y279) recombinant monoclonal antibody, (diluated 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 kina se, homologous to Drosophila 'shaggy' (zeste-white3) and implicated in the control of several reg ulatory 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}) sig naling pathways (see review by {1:Ali et al. (2001)}).[supplied by OMIM
Other Designations	-

Pathway

- Chemokine signaling pathway

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Disease

- Cognition
- Coronary Disease
- Genetic Predisposition to Disease
- Schizophrenia
- Schizophrenic Psychology
- Weight Gain

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