

GSK3B rabbit monoclonal antibody

Catalog # H00002932-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human GSK3B peptide using ARM Technology.
Immunogen	A synthetic peptide of human GSK3B is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human GSK3B peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — GSK3B

Entrez GeneID	2932
GeneBank Accession#	GSK3B
Gene Name	GSK3B
Gene Alias	-
Gene Description	glycogen synthase kinase 3 beta
Omim ID	605004
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a serine-threonine kinase, belonging to the glycogen synthase kinase subfamily. It is involved in energy metabolism, neuronal cell development, and body pattern formation. Polymorphisms in this gene have been implicated in modifying risk of Parkinson disease, and studies in mice show that overexpression of this gene may be relevant to the pathogenesis of Alzheimer disease. Alternatively spliced transcript variants encoding different isoforms have been found for this gene
Other Designations	GSK3beta isoform glycogen synthase kinase-3 beta

Pathway

- [Axon guidance](#)
- [B cell receptor signaling pathway](#)
- [Basal cell carcinoma](#)
- [Cell cycle](#)
- [Chemokine signaling pathway](#)
- [Colorectal cancer](#)
- [Endometrial cancer](#)
- [ErbB signaling pathway](#)
- [Focal adhesion](#)

- [Hedgehog signaling pathway](#)
- [Insulin signaling pathway](#)
- [Melanogenesis](#)
- [Neurotrophin signaling pathway](#)
- [Pathways in cancer](#)
- [Prostate cancer](#)
- [T cell receptor signaling pathway](#)
- [Wnt signaling pathway](#)

Disease

- [Adenocarcinoma](#)
- [Alzheimer disease](#)
- [Amphetamine-Related Disorders](#)
- [Anorexia Nervosa](#)
- [Bipolar Disorder](#)
- [Bone Diseases](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Bulimia](#)
- [Cardiovascular Diseases](#)
- [Cognition](#)
- [Dementia](#)
- [Depressive Disorder](#)
- [Diabetes Mellitus](#)
- [Disease Models](#)
- [Disease Progression](#)

- [Drug Toxicity](#)
- [Dyskinesia](#)
- [Edema](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Hypercholesterolemia](#)
- [Lung Neoplasms](#)
- [Mood Disorders](#)
- [Movement Disorders](#)
- [Multiple Myeloma](#)
- [Neoplasm Invasiveness](#)
- [Parkinson disease](#)
- [Personality Disorders](#)
- [Personality Inventory](#)
- [Polycystic Ovary Syndrome](#)
- [Psychiatric Status Rating Scales](#)
- [Psychotic Disorders](#)
- [Pulmonary Disease](#)
- [Recurrence](#)
- [Schizophrenia](#)
- [Schizophrenic Psychology](#)
- [Sleep Deprivation](#)
- [Stomach Neoplasms](#)
- [Urinary Bladder Neoplasms](#)
- [Weight Gain](#)

- [Werner syndrome](#)