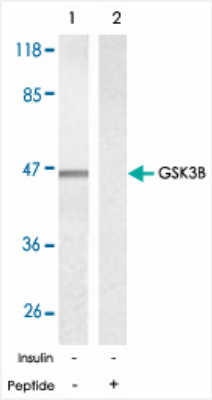
GSK3B polyclonal antibody

Catalog # PAB5379 Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of extract from 293 cells, untreated with insulin (40 uM, 30 min), using GSK3B polyclonal antibody (Cat # PAB5379).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of GSK3B.
Immunogen	A synthetic peptide corresponding to residues surrounding Y216 of human GSK3B.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Form	Liquid
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

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

Applications

- Western Blot (Cell lysate)

  Western blot analysis of extract from 293 cells, untreated with insulin (40 uM, 30 min), using GSK3B polyclonal antibody (Cat # PAB5379).

Gene Info — GSK3B

Entrez GeneID	2932
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 synthas e kinase subfamily. It is involved in energy metabolism, neuronal cell development, and body patte rn formation. Polymorphisms in this gene have been implicated in modifying risk of Parkinson dis ease, and studies in mice show that overexpression of this gene may be relevant to the pathogen esis of Alzheimer disease. Alternatively spliced transcript variants encoding different isoforms hav e 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

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- 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

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- 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

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- Stomach Neoplasms
- Urinary Bladder Neoplasms
- Weight Gain
- Werner syndrome

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