GSK3B (Human) Cell-Based ELISA Kit

Catalog # KA2908 Size 1 Kit

Specification

Product Description	GSK3B (Human) Cell-Based ELISA Kit is an indirect enzyme-linked immunoassay for qualitative det ermination of GSK3B expression in cultured cells.
Suitable Sample	Attached Cell, Loosely Attached Cell, Suspension Cell
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Qualitative
Reactivity	Human, Mouse, Rat
Regulation Status	For research use only (RUO)
Storage Instruction	Store the kit at 4°C.

Applications

- Qualitative

Gene Info — GSK3B

Entrez GeneID	2932
Protein Accession#	P49841
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

Publication Reference

- ISG15 deficiency features a complex cellular phenotype that responds to treatment with itaconate and derivatives.

  Syed Fakhar-Ul-Hassnain Waqas, Aaqib Sohail, Ariane Hai Ha Nguyen, Abdulai Usman, Tobias Ludwig, Andre Wegner, Muhammad Nasir Hayat Malik, Sven Schuchardt, Robert Geffers, Moritz Winterhoff, Sylvia Merkert, Ulrich Martin, Ruth Olmer, Nico Lachmann, Frank Pessler.

  Clinical and Translational Medicine 2022 Jul; 12(7):e931.

  Application: Qual, Human, Induced pluripotent stem cell-derived macrophages

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