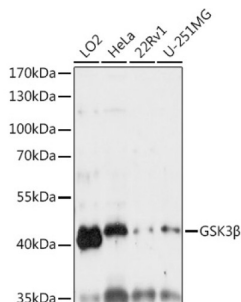
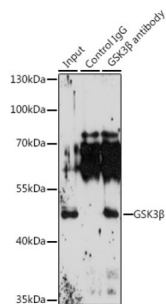


Glycogen Synthase Kinase 3 Beta (GSK3B) Antibody

Catalogue No.: abx004714



Western blot analysis of various lysates using GSK3 β Antibody at 1/1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1/10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Exposure time: 30s.



Immunoprecipitation analysis of 200 μ g extracts of 22Rv1 cells, using 3 μ g GSK3 β antibody. Western blot was performed from the immunoprecipitate using GSK3 β antibody at a dilution of 1/1000.

GSK3B Antibody is a Rabbit Polyclonal antibody against GSK3B. 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.

Target: Glycogen Synthase Kinase 3 Beta (GSK3B)

Clonality: Polyclonal

Reactivity: Human, Mouse, Rat

Tested Applications: ELISA, WB, IF/ICC, IP

Host: Rabbit

Recommended dilutions: ELISA: 1 μ g/ml, WB: 1/500 - 1/1000, IF/ICC: 1/50 - 1/200, IP: 0.5 μ g - 4 μ g antibody per 200 μ g - 400 μ g extracts of whole cells. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: Synthetic peptide corresponding to GSK3B. The exact sequence is proprietary.

Isotype: IgG

Datasheet

Version: 3.0.0
Revision date: 31 Oct 2025



Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P49841 (UniProt , ExPASy)
Gene Symbol:	GSK3B
GeneID:	2932
NCBI Accession:	NP_001139628.1
KEGG:	hsa:2932
String:	9606.ENSP00000324806
Molecular Weight:	Calculated MW: 47 kDa Observed MW: 46 kDa
Buffer:	PBS, pH 7.3, containing 0.01% thimerosal, 50% glycerol.
Concentration:	> 0.2 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.