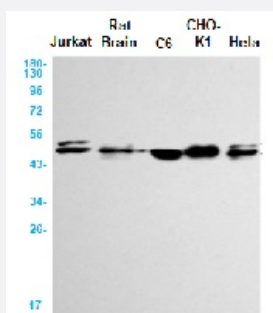


RecomAb™

GSK3A recombinant monoclonal antibody, clone R08-8G7

Catalog # RAB01676 Size 100 uL

Applications



Western Blot

Western blot analysis of GSK3 alpha + beta in Jurkat, rat Brain, C6, CHO-K1, HeLa lysates using human GSK3 alpha/beta recombinant monoclonal antibody, clone R08-8G7 (Cat # RAB01676).

Specification

Product Description Rabbit recombinant monoclonal antibody raised against synthetic peptide of human GSK3 alpha.

Antibody Species Rabbit

Immunogen Original antibody is raised against a synthetic peptide corresponding to human GSK3 alpha

Theoretical MW (kDa) Calculated MW: 51 kD

Reactivity Human

Form Liquid

Purification Affinity purification

Isotype IgG

Recommend Usage Western Blot (1:500-1:1,000)
The optimal working dilution should be determined by the end user.

Storage Buffer In 50 mM Tris-Glycine, pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)

Storage Instruction

Store at 4°C for short term. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

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

Applications

- Western Blot

Western blot analysis of GSK3 alpha + beta in Jurkat, rat Brain, C6, CHO-K1, Hela lysates using human GSK3 alpha/beta recombinant monoclonal antibody, clone R08-8G7 (Cat # RAB01676).

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 kinase, homologous to Drosophila 'shaggy' (zeste-white3) and implicated in the control of several regulatory 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}) signaling pathways (see review by {1:Ali et al. (2001)}). [supplied by OMIM]

Other Designations -

Pathway

- [Chemokine signaling pathway](#)

Disease

- [Cognition](#)
- [Coronary Disease](#)
- [Genetic Predisposition to Disease](#)
- [Schizophrenia](#)
- [Schizophrenic Psychology](#)
- [Weight Gain](#)