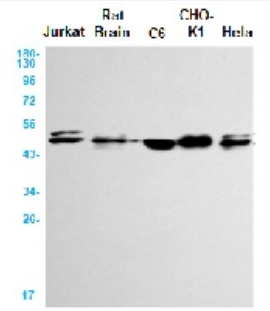
RecomAb™

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
Preparation Method	Mammalian cell (CHO) expression system
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).

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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 shoul d be handled by trained staff only.

Applications

- Western Blot

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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 kina se, homologous to Drosophila 'shaggy' (zeste-white3) and implicated in the control of several reg ulatory 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}) sig naling pathways (see review by {1:Ali et al. (2001)}).[supplied by OMIM
Other Designations	-

Pathway

- Chemokine signaling pathway

Disease

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- Cognition
- Coronary Disease
- Genetic Predisposition to Disease
- Schizophrenia
- Schizophrenic Psychology
- Weight Gain

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