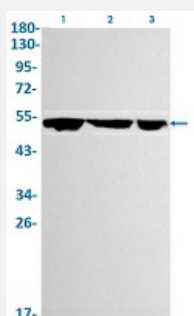


RecomAb™

GSK3A recombinant monoclonal antibody, clone R07-3A2

Catalog # RAB02236 Size 100 uL

Applications



Western Blot

Western Blot analysis of Lane 1: K562, Lane 2: rat brain and Lane 3: HeLa lysates with GSK3A recombinant monoclonal antibody, clone R07-3A2 (Cat # RAB02236).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human GSK3A.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human GSK3A.
Theoretical MW (kDa)	Calculated MW: 51 kD
Reactivity	Human, Mouse, Rat
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunofluorescence(1:50-1:200) Immunoprecipitation(1:20) Western Blot (1:500-1:1000) 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 -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 Lane 1: K562, Lane 2: rat brain and Lane 3: Hela lysates with GSK3A recombinant monoclonal antibody, clone R07-3A2 (Cat # RAB02236).

- Immunofluorescence

- Immunoprecipitation

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](#)