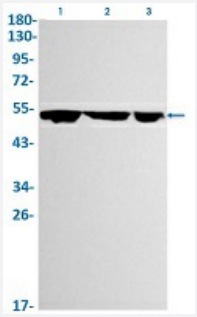
RecomAb™

# 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 |
| **Preparation Method** | Mammalian cell (CHO) expression system |
| **Purification** | Affinity purification |
| **Isotype** | IgG |
| **Recommend Usage** | Immunofluorescence(1:50-1:200)<br>Immunoprecipitation(1:20)<br>Western Blot (1:500-1:1000)<br>The optimal working dilution should be determined by the end user. |

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|---|---|
| **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.<br>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

- Immunofluorescence
- Immunoprecipitation
- 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).

## 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

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- Chemokine signaling pathway

## Disease

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

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