

## Anti-GSK3A antibody [ARC0462] (STJ11101598)

STJ11101598

### GENERAL INFORMATION

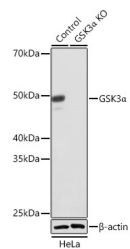
|                          |   |
|--------------------------|---|
| <b>Product Type</b>      | Primary antibodies  |
| <b>Short Description</b> | Rabbit monoclonal antibody anti-GSK3 Alpha is suitable for use in Western Blot and Immunoprecipitation. |
| <b>Applications</b>      | WB, IP  |
| <b>Host/Source</b>       | Rabbit  |
| <b>Reactivity</b>        | Human, Mouse, Rat   |

### PRODUCT PROPERTIES

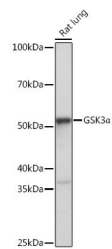
|                            |  |
|----------------------------|--|
| <b>Clonality</b>           | Monoclonal   |
| <b>Clone ID</b>            | ARC0462  |
| <b>Concentration</b>       |  |
| <b>Conjugation</b>         | Unconjugated   |
| <b>Purification</b>        | Affinity purification  |
| <b>Dilution Range</b>      | WB 1:500-1:2000<br>IP 1:50-1:200                                   |
| <b>Formulation</b>         | PBS containing 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH7.3. |
| <b>Isotype</b>             | IgG  |
| <b>Storage Instruction</b> | Store in a freezer at -20°C and avoid freeze-thaw cycles.          |

### TARGET INFORMATION

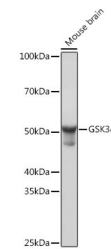
|                           |   |
|---------------------------|---|
| <b>Gene ID</b>            | 2931  |
| <b>Gene Symbol</b>        | GSK3A   |
| <b>Uniprot ID</b>         | GSK3A_HUMAN   |
| <b>Immunogen</b>          | A synthesized peptide derived from human GSK3 Alpha |
| <b>Immunogen Region</b>   |   |
| <b>Specificity</b>        |   |
| <b>Immunogen Sequence</b> |   |



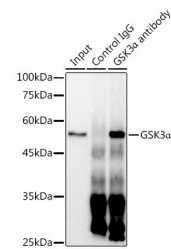
Western blot analysis of extracts from normal (control) and GSK3 Alpha knockout (KO) HeLa cells, using GSK3 Alpha antibody (STJ11101598) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.



Western blot analysis of extracts of Rat lung, using GSK3 Alpha antibody (STJ11101598) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.



Western blot analysis of extracts of mouse brain, using GSK3 Alpha antibody (STJ11101598) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.



Immunoprecipitation analysis of 300ug extracts of HeLa cells using 3ug GSK3 Alpha antibody (STJ11101598). Western blot was performed from the immunoprecipitate using GSK3 Alpha antibody (STJ11101598) at a dilution of 1:1000.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.  
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