

## Rabbit GSK3A Polyclonal Antibody | anti-GSK3A antibody

GSK3A Polyclonal Antibody

|                               |                       |                                        |                                                    |
|-------------------------------|-----------------------|----------------------------------------|----------------------------------------------------|
| CATALOG #<br><b>AAA167822</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, ELISA</b> |
|-------------------------------|-----------------------|----------------------------------------|----------------------------------------------------|

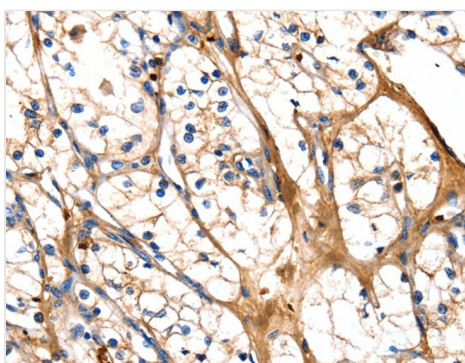
### PRODUCT SYNONYMS

GSK3A; Polyclonal Antibody; GSK3A Polyclonal Antibody; anti-GSK3A antibody

### PRODUCT SPECIFICATIONS

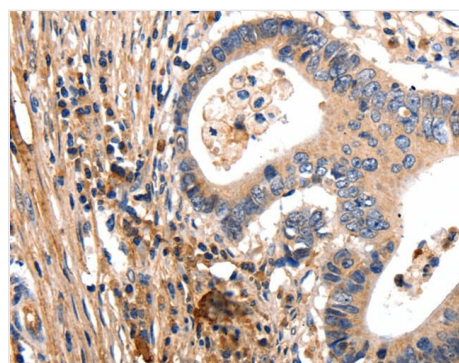
|                                                 |                                                                                           |
|-------------------------------------------------|-------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                    |
| Reactivity                                      | Human, Mouse, Rat                                                                         |
| Clonality                                       | Polyclonal                                                                                |
| Isotype                                         | IgG                                                                                       |
| Purity/Purification                             | Antigen affinity purification                                                             |
| Concentration                                   | 1.9mg/mL (varies by lot)                                                                  |
| Sequence Length                                 | 483                                                                                       |
| Applicable Applications for anti-GSK3A antibody | IHC (Immunohistochemistry), ELISA                                                         |
| Immunogen                                       | Synthetic peptide of human GSK3A                                                          |
| Buffer                                          | PBS with 0.05% sodium azide, 50% glycerol, pH7.3                                          |
| Preparation and Storage                         | Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles. |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human renal cancer tissue using GSK3A Polyclonal Antibody at dilution 1:50



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human colon cancer tissue using GSK3A Polyclonal Antibody at dilution 1:50

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-GSK3A antibody | This gene encodes a multifunctional Ser/Thr protein kinase that is implicated in the control of several regulatory proteins including glycogen synthase, and transcription factors, such as JUN. It also plays a role in the WNT and PI3K signaling pathways, as well as regulates the production of beta-amyloid peptides associated with Alzheimer's disease. May also mediate the development of insulin resistance by regulating activation of transcription factors. In Wnt signaling, regulates the level and transcriptional activity of nuclear CTNNB1/beta-catenin. Facilitates amyloid precursor protein (APP) processing and the generation of APP-derived amyloid plaques found in Alzheimer disease. May be involved in the regulation of replication in pancreatic beta-cells. Is necessary for the establishment of neuronal polarity and axon outgrowth. |
| Product Categories/Family for anti-GSK3A antibody   | Cancer; Stem cells; Cell biology; Neuroscience                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                      |
|----------------------------------|--------------------------------------------------------------------------------------|
| NCBI GI #                        | 49574532                                                                             |
| NCBI GeneID                      | 2931                                                                                 |
| NCBI Accession #                 | NP_063937.2                                                                          |
| NCBI GenBank Nucleotide #        | NM_019884.2                                                                          |
| Molecular Weight                 | 50,981 Da                                                                            |
| NCBI Official Full Name          | glycogen synthase kinase-3 alpha                                                     |
| NCBI Official Synonym Full Names | glycogen synthase kinase 3 alpha                                                     |
| NCBI Official Symbol             | GSK3A                                                                                |
| NCBI Protein Information         | glycogen synthase kinase-3 alpha; GSK-3 alpha; serine/threonine-protein kinase GSK3A |
| UniProt Protein Name             | Glycogen synthase kinase-3 alpha                                                     |
| UniProt Gene Name                | GSK3A                                                                                |
| UniProt Synonym Gene Names       | GSK-3 alpha                                                                          |
| UniProt Entry Name               | GSK3A_HUMAN                                                                          |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/gsk3a-antibody-immunohistochemistry-elisa/167822>