

## GSK3 ALPHA RABBIT MAB

**Cat.#:** N262307

**Product Name:** Anti-GSK3 alpha Rabbit Monoclonal Antibody

**Synonyms:** Serine/threonine-protein kinase GSK3A

**UNIPROT ID:** P49840

**Background:** GSK3A a proline-directed protein kinase of the GSK family. Implicated in the control of several regulatory proteins including glycogen synthase, Myb, and c-Jun. GSK3 and GSK3 have similar functions. GSK3 phosphorylates tau, the principal component of neurofibrillary tangles in Alzheimer disease and is required for maximal production of amyloid plaque peptides by secretase.

**Immunogen:** A synthetic peptide of human GSK3 alpha

**Applications:** WB,ICC/IF,IP

**Recommended Dilutions:** WB: 1/500-1/1000 IF: 1/50-1/200 IP: 1/20

**Host Species:** Rabbit

**Clonality:** Rabbit Monoclonal

**Clone ID:** R07-3A2

**MW:** Calculated MW: 51 kDa; Observed MW: 51 kDa

**Isotype:** IgG

**Purification:** Affinity Purified

**Species Reactivity:** Human,Mouse,Rat

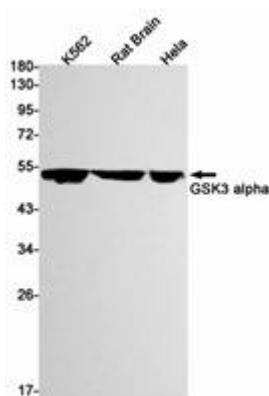
**Conjugation:** Unconjugated

**Modification:** Unmodified

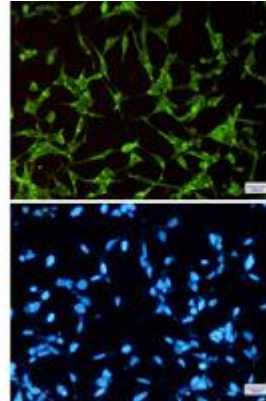
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**Research Areas:** Neuroscience

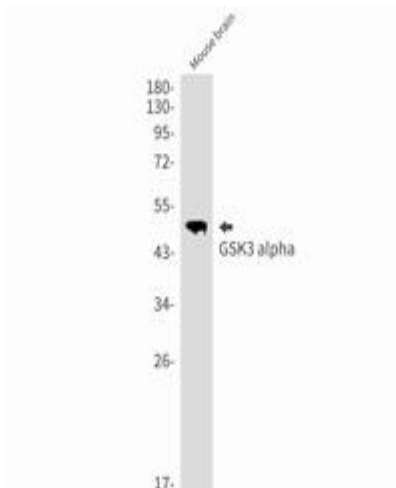
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



Western blot analysis of GSK3 alpha in K562, rat Brain, Hela lysates using GSK3 alpha antibody



Immunocytochemistry analysis of GSK3 alpha (green) in 293t using GSK3 alpha antibody, and DAPI (blue).



Western blot analysis of GSK3 alpha in mouse brain lysates using GSK3 alpha antibody.