

**GSK3 alpha monoclonal antibody**

Catalog: MB11006

Host: Rabbit

Reactivity: Human, Mouse, Rat

**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.

**Product:**

50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA

**Molecular Weight:**

Calculated MW: 51 kDa; Observed MW: 51 kDa

**Swiss-Prot:**

P49840

**Purification&Purity:**

Affinity Purified

**Applications:**

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

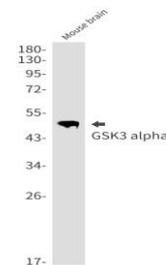
**Storage&Stability:**

Store at 4 °C short term. Aliquot and store at -20 °C long

term. Avoid freeze-thaw cycles.

**Isotype:**

IgG

**DATA:**

Immunocytochemistry analysis of GSK3 alpha in 293t using GSK3 alpha antibody, and DAPI.

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

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

**Note:**

For research use only, not for use in diagnostic procedure.

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