
anti-GSK α

Cat #: HM1171
Mouse monoclonal IgG
0.2 $\mu\text{g}/\mu\text{l}$, store at 4 °C

For research use only

BACKGROUND

Glycogen synthase kinase-3 (GSK 3) is a proline-directed serine-threonine kinase. It belongs to the ser/thr family of protein kinases, Cdc2/cdkx subfamily; gsk-3 subsubfamily. GSK-3 is involved in a diverse array of signaling pathways, including glycogen synthesis and cellular adhesion and has been implicated in Alzheimer's Disease. Two forms of GSK-3, designated GSK-3 α and GSK-3 β , have been identified and differ in their subcellular localization. They show a high degree of amino acid homology

SPECIFICITY

This antibody reacts with GSK-3 α of mouse, rat and human origin.

The antibody can be used in Western blotting, immunoprecipitation and immunohistochemistry.

Molecular Weight of GSK-3 α : 51 kDa. Western blotting positive controls: A-431 cell lysate; rat brain extract.

IMMUNOGEN

A peptide at the carboxy terminus of human GSK-3 α .

STORAGE

This antibody is stable for 12 months when stored at 2-8°C.

REFERENCES

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