

Anti-GSK3 alpha Rabbit mAb

Purified Rabbit Monoclonal Antibody

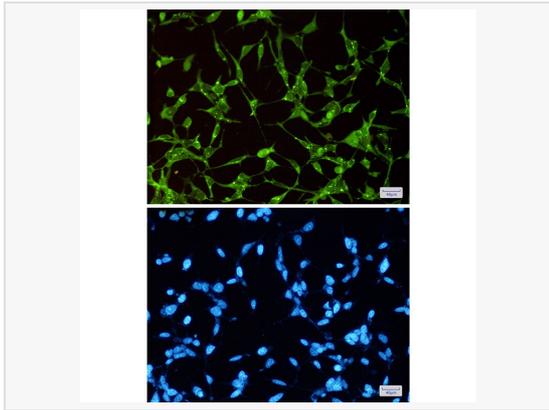
Catalog # R010461

Product Information

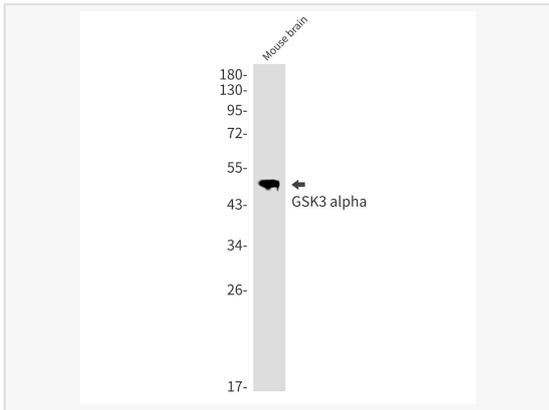
Application	WB, ICC/IF (Cell), IP, ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:500~1:1,000; IF 1:50~1:200; IP 1:20
Host	Rabbit
Clonality	Monoclonal
Clone No.	36M16L02
Isotype	IgG
Label	Unconjugated
Immunogen	A synthetic peptide of human GSK3 alpha
Format	Buffer System: 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA Purification: Affinity Purified.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-GSK3 alpha antibody [36M16L02] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

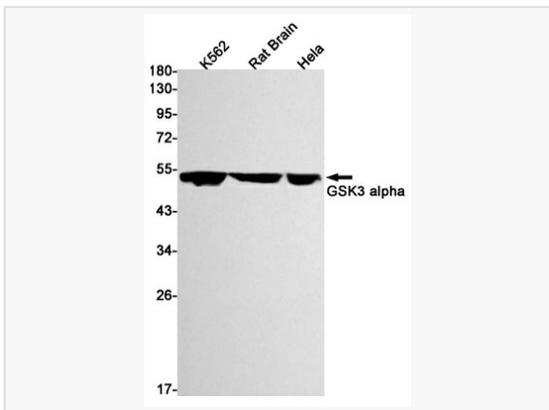
Synonyms	Serine/threonine-protein kinase GSK3A.
Calculated MW	Calculated MW: 51 kDa; Observed MW: 51 kDa
Uniprot ID	P49840
Gene ID	2931
Background	GSK3A a proline-directed protein kinase of the GSK family. Implicated in the control of several regulatory proteins including glycogen synthase, Myb, and 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.



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.



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