

Anti-Phospho-GSK3 (Tyr279/Tyr216) Rabbit pAb

Purified Rabbit Polyclonal Antibody

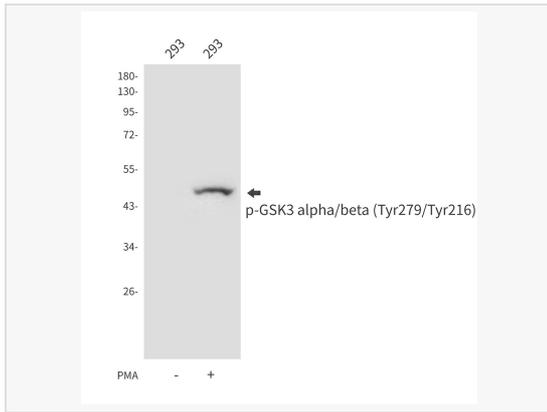
Catalog # P012389

Product Information

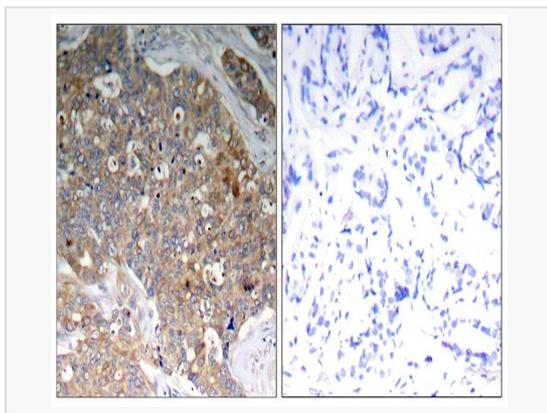
Application	WB, IHC-P/IF (Tissue-P), ICC/IF (Cell), ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:500~1:1,000; IHC-P 1:50~1:100; ICC 1:100~1:200
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	Synthetic peptide of human GSK3A
Format	Buffer System: Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3. 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-Phospho-GSK3 (Tyr279/Tyr216) antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

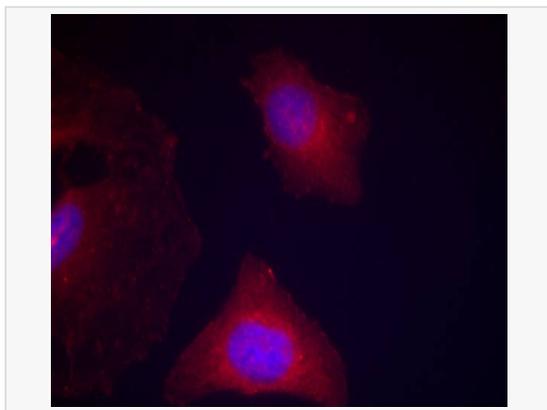
Synonyms	Serine/threonine-protein kinase GSK3A.
Calculated MW	Calculated MW: 51 kDa; Observed MW: 46,51 kDa
Uniprot ID	P49840
Gene ID	2931
Background	GSK3A a proline-directed protein kinase of the GSK family. Implicated in the control of several regulatory proteins including glycogen synthase, Myb, and 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.



Western blot analysis of Phospho-GSK3 (Tyr279/Tyr216) in 293 lysates using Phospho-GSK3 alpha/beta (Tyr279/Tyr216) antibody.



Immunohistochemistry analysis of paraffin-embedded Human breast carcinoma tissue using Phospho-GSK3 (Tyr279/Tyr216) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval. Sample with blocking peptide on the right.



Immunofluorescence analysis of Phospho-GSK3 (Tyr279/Tyr216) in HeLa cells using GSK3a/b (Phospho-Tyr279/216) antibody (red) .