

GSK3 alpha/beta Antibody

Catalog No: #29039



Package Size: #29039-1 50ul #29039-2 100ul

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Description

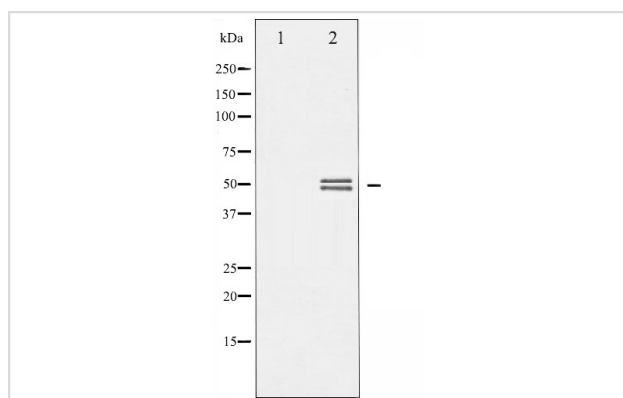
Product Name	GSK3 alpha/beta Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Immunogen affinity purified
Applications	WB IHC
Species Reactivity	Human;Mouse;Rat
Specificity	GSK3 alpha/beta Antibody detects endogenous levels of total GSK3 alpha/beta
Immunogen Type	Peptide
Immunogen Description	A synthesized peptide derived from human GSK3 alpha/beta
Conjugates	Unconjugated
Target Name	GSK3 alpha/beta
Other Names	DKFZp686D0638; glycogen synthase kinase 3 alpha; Glycogen synthase kinase-3 alpha; GSK-3 alpha; GSK3A
Accession No.	Swiss-Prot#:P49840
SDS-PAGE MW	51,46KD
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C/1 year

Application Details

WB: 1:500-1:2000

IHC: 1:50-1:200

Images



Western blot analysis of GSK3 alpha/beta expression in TNF- α treated 293 whole cell lysates, The lane on the left is treated with the antigen-specific peptide.

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.

Published Papers

el at., Effect of electrical stimulation combined with diet therapy on Insulin resistance via mTOR signalling. In Mol Med Rep on 2019 Dec by Huang S, Tang N, et al..PMID:31702811, , (2019)

[PMID:31702811](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.