

Product datasheet

Anti-GSK3 alpha (phospho S21) antibody ab28808

4 References 3 图像

概述

产品名称	Anti-GSK3 alpha (phospho S21)抗体
描述	兔多克隆抗体to GSK3 alpha (phospho S21)
经测试应用	适用于: ICC/IF, ELISA, WB, IHC-P, IP
种属反应性	与反应: Mouse, Human 预测可用于: Rat
免疫原	The antiserum was produced against synthesized phosphopeptide derived from human GSK3a around the phosphorylation site of Serine 21.

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	Preservative: 0.02% Sodium Azide Constituents: 50% Glycerol, PBS, 150mM Sodium chloride, pH 7.4
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

Our [Abpromise guarantee](#) covers the use of **ab28808** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

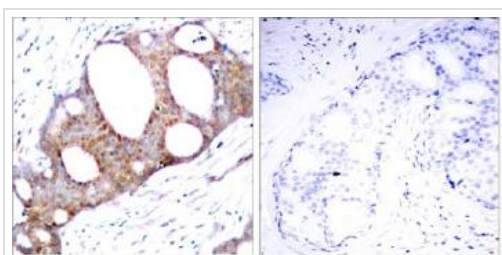
应用	Ab评论	说明
ICC/IF		Use a concentration of 1 - 5 µg/ml.
ELISA		Use at an assay dependent concentration.
WB		1/500 - 1/1000. Predicted molecular weight: 50 kDa.
IHC-P		Use at an assay dependent concentration.

应用	Ab评论	说明
IP		Use at an assay dependent concentration.

靶标

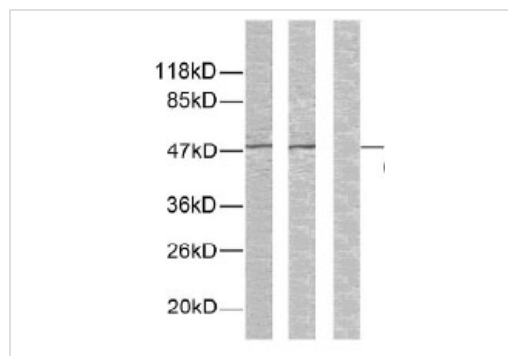
功能	Implicated in the hormonal control of several regulatory proteins including glycogen synthase, MYB and the transcription factor JUN.
序列相似性	Belongs to the protein kinase superfamily. CMGC Ser/Thr protein kinase family. GSK-3 subfamily. Contains 1 protein kinase domain.

图片



Immunohistochemistry (Paraffin-embedded sections)
- GSK3 alpha (phospho S21) antibody (ab28808)

Immunohistochemical analysis of paraffin embedded breast carcinoma, using primary CDK2 (Phospho-Thr160) ab28808 at 1:100 dilution and Alkaline Phosphatase AffiniPure Goat Anti-Rabbit IgG (H+L) secondary antibody. Left: Untreated; Right: Treated with synthesized phosphopeptide.



Western blot - GSK3 alpha (phospho S21) antibody (ab28808)

All lanes : Anti-GSK3 alpha (phospho S21) antibody (ab28808) at 1/1000 dilution

Lane 1 : Extracts from ovary cancer cells.

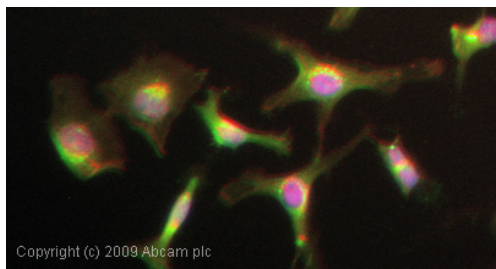
Lane 2 : Extracts from ovary cancer cells. with synthesised non phosphopeptide at 1 µg/ml

Lane 3 : Extracts from ovary cancer cells. with synthesised phosphopeptide at 1 µg/ml

Lysates/proteins at 30 µg per lane.

Predicted band size : 50 kDa

Observed band size : 50 kDa



Immunocytochemistry/ Immunofluorescence-GSK3
alpha (phospho S21) antibody(ab28808)

ICC/IF image of ab28808 stained HeLa cells. The cells were 4% PFA fixed (10 min) and then incubated in 1%BSA / 10% normal goat serum / 0.3M glycine in 0.1% PBS-Tween for 1h to permeabilise the cells and block non-specific protein-protein interactions. The cells were then incubated with the antibody (ab28808, 1µg/ml) overnight at +4°C. The secondary antibody (green) was Alexa Fluor® 488 goat anti-rabbit IgG (H+L) used at a 1/1000 dilution for 1h. Alexa Fluor® 594 WGA was used to label plasma membranes (red) at a 1/200 dilution for 1h. DAPI was used to stain the cell nuclei (blue) at a concentration of 1.43µM.

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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