Product Datasheet

GSK3a(Ab-21) Antibody

Catalog No: #21007

Package Size: #21007-1 50ul #21007-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	GSK3a(Ab-21) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Applications	WB IHC IF
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of total GSK3a protein. and does not detect GSK-3b protein.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around aa.19~23 (T-S-S-F-A) derived from Human GSK3a.
Target Name	GSK3a
Other Names	Factor A, GSK-3 alpha, kinase GSK3-alpha,
Accession No.	Swiss-Prot: P49840NCBI Protein: NP_063937.2
Uniprot	P49840
GeneID	2931;
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

Application Details

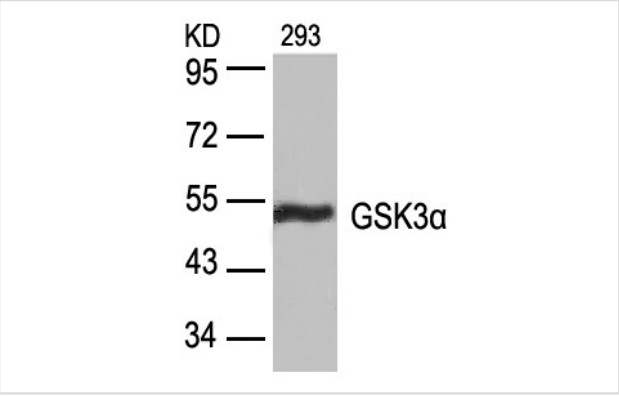
Predicted MW: 51kd

Western blotting: 1:500~1:1000

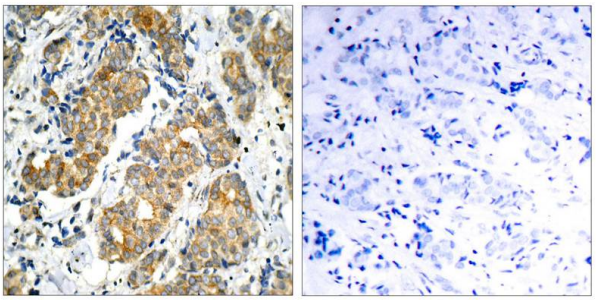
Immunohistochemistry: 1:50~1:100

Immunofluorescence: 1:100~1:200

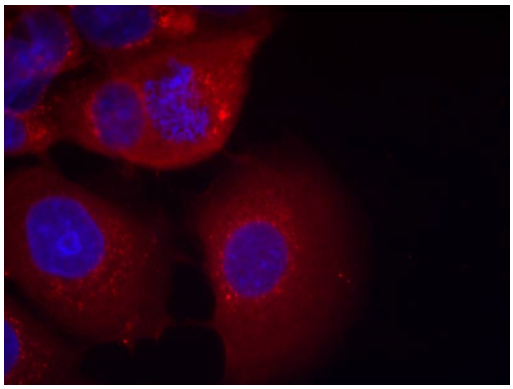
Images



Western blot analysis of extracts from 293 cells using GSK3a(Ab-21) Antibody #21007.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using GSK3a(Ab-21) Antibody #21007(left) or the same antibody preincubated with blocking peptide(right).



Immunofluorescence staining of methanol-fixed MCF7 cells using GSK3a(Ab-21) Antibody #21007.

Background

Implicated in the hormonal control of several regulatory proteins including glycogen synthase, MYB and the transcription factor JUN

Barry FA, et al. (2003) FEBS Lett. 553(1-2): 173-178.

Koivisto L, et al. (2003) J Cell Sci. 116(Pt 18): 3749-3760.

Welsh G I, et al. (1996) Trends Cell Biol. 6:274-279.

Srivastava A K, et al. (1998) Mol. Cell. Biochem. 182: 135-141.

Cross D A, et al. (1995) Nature. 378: 785-789.

Note: This product is for in vitro research use only