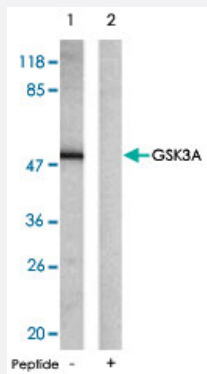


GSK3A polyclonal antibody

Catalog # PAB5378

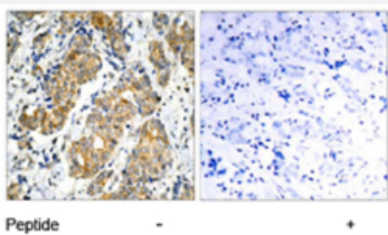
Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of extracts from ovary cancer cells , using GSK3A polyclonal antibody (Cat # PAB5378) .



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using GSK3A polyclonal antibody (Cat # PAB5378) .

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of GSK3A.
Immunogen	A synthetic peptide corresponding to residues surrounding S21 of human GSK3A.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Form	Liquid
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.

Recommend Usage	Immunohistochemistry (1:50-1:100) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of extracts from ovary cancer cells , using GSK3A polyclonal antibody (Cat # PAB5378) .

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using GSK3A polyclonal antibody (Cat # PAB5378) .

Gene Info — GSK3A

Entrez GeneID	2931
Gene Name	GSK3A
Gene Alias	DKFZp686D0638
Gene Description	glycogen synthase kinase 3 alpha
Omim ID	606784
Gene Ontology	Hyperlink
Gene Summary	Glycogen synthase kinase 3-alpha (GSK3A; EC {2.7.1.37}) is a multifunctional protein serine kinase, homologous to Drosophila 'shaggy' (zeste-white3) and implicated in the control of several regulatory proteins including glycogen synthase (see GYS1, {138570}) and transcription factors (e.g., JUN, {165160}). It also plays a role in the WNT ({164820}) and PI3K (see PIK3CG, {601232}) signaling pathways (see review by {1:Ali et al. (2001)}). [supplied by OMIM]
Other Designations	-

Publication Reference

- [Regulation of glycogen synthase kinase 3 in human platelets: a possible role in platelet function?](#)

Barry FA, Graham GJ, Fry MJ, Gibbins JM.

FEBS Letters 2003 Oct; 553(1-2):173.

- [Glycogen synthase kinase-3 regulates formation of long lamellipodia in human keratinocytes.](#)

Koivisto L, Alavian K, Hakkinen L, Pelech S, McCulloch CA, Larjava H.

Journal of Cell Science 2003 Sep; 116(Pt 18):3749.

- [Potential mechanism\(s\) involved in the regulation of glycogen synthesis by insulin.](#)

Srivastava AK, Pandey SK.

Molecular and Cellular Biochemistry 1998 May; 182(1-2):135.

Application: WB-Ce, WB-Tr, Human, Mammalian cells

Pathway

- [Chemokine signaling pathway](#)

Disease

- [Cognition](#)
- [Coronary Disease](#)
- [Genetic Predisposition to Disease](#)
- [Schizophrenia](#)
- [Schizophrenic Psychology](#)
- [Weight Gain](#)