

Nur für Forschungszwecke

GSK3A Polyklonaler Antikörper

Katalog-Nr.: 13419-1-AP

5 Publikationen



Allgemeine Informationen

Katalog-Nr.: 13419-1-AP	GenBank-Zugangsnummer: BC027984	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul, Konzentration: 1000 µg/ml von 2931 Nanodrop;	GeneID (NCBI): Vollständiger Name: glycogen synthase kinase 3 alpha	Empfohlene Verdünnungen: WB 1:2000-1:10000 IHC 1:20-1:200 IF 1:50-1:500
Wirt: Kaninchen	Berechnete Masse: 483 aa, 51 kDa	
Isotyp: IgG	Beobachtete Masse: 51 kDa	
Immunogen Katalognummer: AG4168		

Anwendungen

Geprüfte Anwendungen:

IF, IHC, WB, ELISA

In Publikationen genannte Anwendungen:

WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Human, Maus

Positivkontrollen:

WB : HeLa-Zellen, Mauslebergewebe, MCF-7-Zellen, PC-3-Zellen

IHC : humanes Prostatakarzinomgewebe, humanes Lungenkarzinomgewebe, humanes Ovarialkarzinomgewebe

IF : HepG2-Zellen, HeLa-Zellen

Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Hintergrundinformationen

GSK3A (glycogen synthase kinase 3 alpha), one of the two functional isoforms encoded by the GSK3 gene, is a serine/threonine protein kinase that is involved in cell-cycle progression, differentiation, and apoptosis (PMID: 27049759). GSK3A acts as a tumor suppressor and has important roles in acute myeloid leukemia (AML), prostate cancer, and pancreatic cancer (PMID: 22326953, 22539113, 23547054). GSK3A is also known to interact with beta-amyloid and tau, proteins that aggregate in areas of the neuronal system as part of the pathology of neurodegenerative diseases such as Alzheimer's disease (PMID: 19782073).

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Yuyu Yang	34381779	Front Cell Dev Biol	WB
Nan Song	28722108	J Cell Physiol	WB
Dong-Xue Ding	35281731	iScience	WB

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

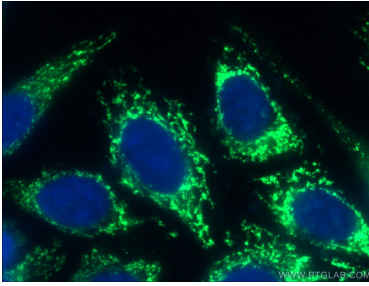
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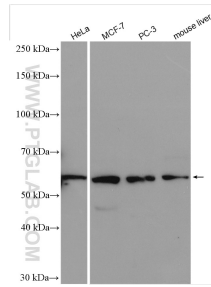
E: proteintech@ptglab.com
W: ptglab.com

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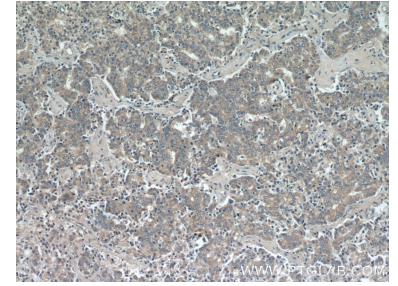
Ausgewählte Validierungsdaten



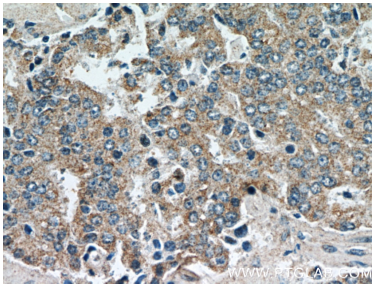
Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using 13419-1-AP (GSK3A antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Various lysates were subjected to SDS PAGE followed by western blot with 13419-1-AP (GSK3A antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human prostate cancer using 13419-1-AP (GSK3A antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human prostate cancer using 13419-1-AP (GSK3A antibody) at dilution of 1:50 (under 40x lens).