

Nur für Forschungszwecke

GSTK1 Polyklonaler Antikörper

Katalog-Nr.:14535-1-AP

5 Publikationen



Allgemeine Informationen

Katalog-Nr.:
14535-1-AP

Größe:
150ul, Konzentration: 260 µg/ml von
Nanodrop und 167 µg/ml durch die
Bradford-Methode mit BSA als
Standard;

Wirt:
Kaninchen

Isotyp:
IgG

Immunogen Katalognummer:
AG6036

GenBank-Zugangsnummer:
BC050715

GeneID (NCBI):
373156

Vollständiger Name:
glutathione S-transferase kappa 1

Berechnete Masse:
32 kDa

Beobachtete Masse:
27 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:5000-1:50000

IP 0.5-4.0 µg für IP und 1:500-1:2000
für WB

IHC 1:50-1:500

Anwendungen

Geprüfte Anwendungen:

IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:

CoIP, WB

Getestete Reaktivität:

Human

Zitierte Arten:

Human, Maus

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

Positivkontrollen:

WB : HepG2-Zellen, L02-Zellen, Maushodengewebe, Raji-Zellen, Rattenhodengewebe

IP : Raji-Zellen,

IHC : humanes Hodengewebe, humanes Leberkarzinomgewebe

Hintergrundinformationen

GSTK1, glutathione S-transferase kappa 1, belongs to the superfamily of glutathione S-transferase (GST), which is related to oxidative stress (PMID:16081649). GSTK1 expression is negatively correlated with obesity in mice and human, hypertrophic cardiomyopathy (PMID:21428694, PMID:27378925). GSTK1 was expressed in the peroxisomal and mitochondrial fractions and localized to peroxisomes (PubMed:14742434).

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Rojanathammanee Lalida L	24285747	J Gerontol A Biol Sci Med Sci	WB
Dennis R Petersen	29852184	Exp Mol Pathol	WB
Dewey Shannamar S	23848590	J Proteome Res	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

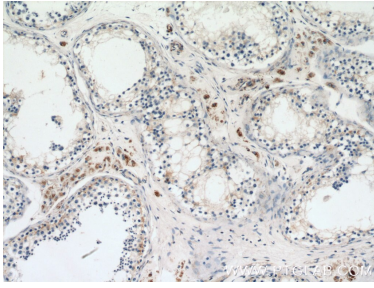
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

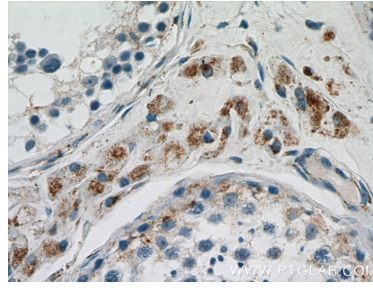
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

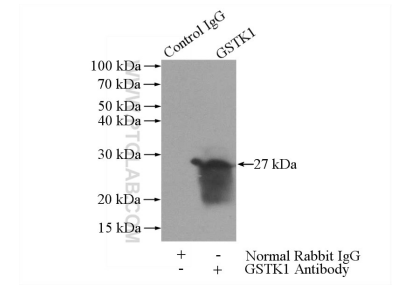
Ausgewählte Validierungsdaten



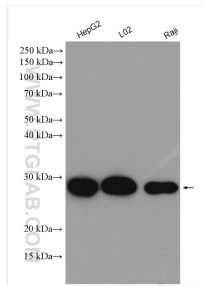
Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 14535-1-AP (GSTK1 Antibody) at dilution of 1:200 (under 10x lens).



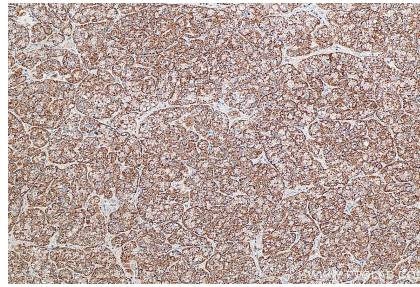
Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 14535-1-AP (GSTK1 Antibody) at dilution of 1:200 (under 40x lens).



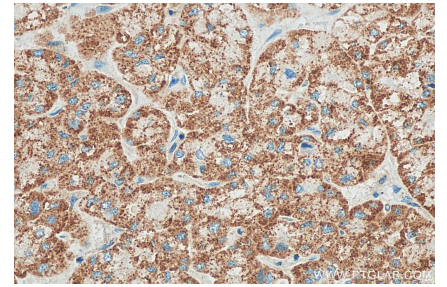
IP Result of anti-GSTK1 (IP:14535-1-AP, 3ug; Detection:14535-1-AP 1:1000) with Raji cells lysate 2000ug.



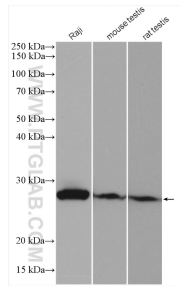
Various lysates were subjected to SDS PAGE followed by western blot with 14535-1-AP (GSTK1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 14535-1-AP (GSTK1 antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 14535-1-AP (GSTK1 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Various lysates were subjected to SDS PAGE followed by western blot with 14535-1-AP (GSTK1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.