

For Research Use Only

# GSTK1 Recombinant antibody, PBS Only

Catalog Number: 81527-1-PBS

Featured Product



## Basic Information

Catalog Number:

81527-1-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG6036

GenBank Accession Number:

BC050715

GeneID (NCBI):

373156

UNIPROT ID:

Q9Y2Q3

Full Name:

glutathione S-transferase kappa 1

Calculated MW:

32 kDa

Observed MW:

27 kDa

Purification Method:

Protein A purification

CloneNo.:

3J1

## Applications

Tested Applications:

WB, IHC, IF/ICC, IF-P, Indirect ELISA

Species Specificity:

human, mouse, rat

## Background Information

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 and hypertrophic cardiomyopathy (PMID:21428694, PMID:27378925). GSTK1 was expressed in the peroxisomal and mitochondrial fractions and localized to peroxisomes (PubMed:14742434).

## Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

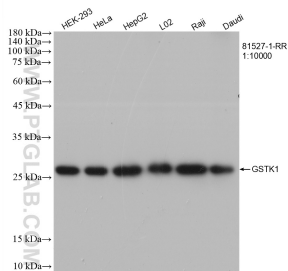
T: 4006900926

E: Proteintech-CN@ptglab.com

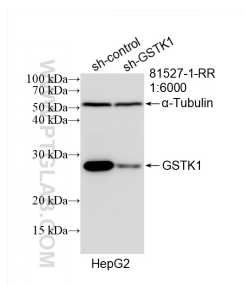
W: ptgcn.com

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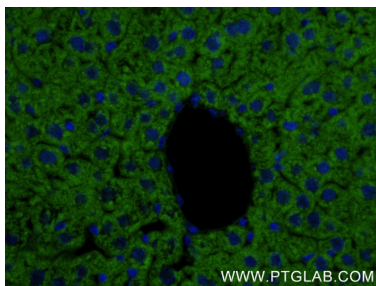
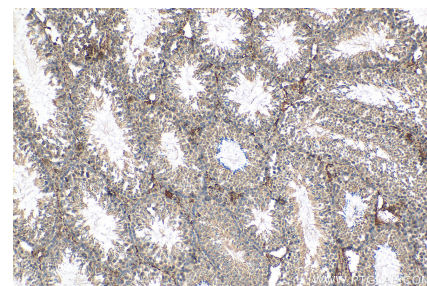
## Selected Validation Data



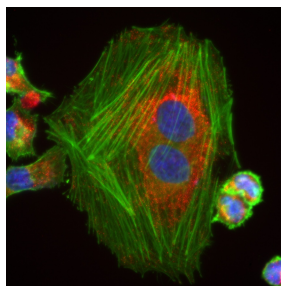
Various lysates were subjected to SDS PAGE followed by western blot with 81527-1-RR (GSTK1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 81527-1-PBS in a different storage buffer formulation.



WB result of GSTK1 antibody (81527-1-RR; 1:6000; incubated at room temperature for 1.5 hours) with sh-Control and sh-GSTK1 transfected HepG2 cells. This data was developed using the same antibody clone with 81527-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse liver tissue using GSTK1 antibody (81527-1-RR, Clone: 3J1) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 81527-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using GSTK1 antibody (81527-1-RR, Clone: 3J1) at dilution of 1:400 and CoraLite®594-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L). This data was developed using the same antibody clone with 81527-1-PBS in a different storage buffer formulation.