

For Research Use Only

# QSER1 Polyclonal antibody, PBS Only

Catalog Number: 55326-1-PBS



## Basic Information

Catalog Number:

55326-1-PBS

Size:

100ug, Concentration: 1 mg/ml by  
Nanodrop;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM\_001076786

GeneID (NCBI):

79832

UNIPROT ID:

Q2KHR3

Full Name:

glutamine and serine rich 1

Calculated MW:

190 kDa

Purification Method:

Antigen affinity purification

## Applications

Tested Applications:

IHC, IF/ICC, Indirect ELISA

Species Specificity:

human

## Background Information

QSER1, a recently characterized protein, whose activity has been tightly associated with the protection of DNA methylation sites in hESCs. QSER1 is widely up-regulated in multiple cancers, and its up-regulation correlates with poor clinic outcomes (PMID: 36371602). QSER1 depletion leads to NODAL de-repression and associates with increased RNA Polymerase II occupancy at YAP1bound enhancers, pointing to a QSER1 contribution maintaining low transcriptional activity on certain genomic regions (PMID: 33833093, 35210841).

## Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

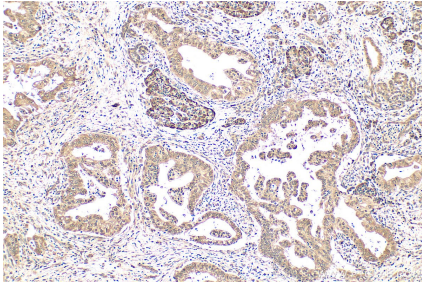
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free  
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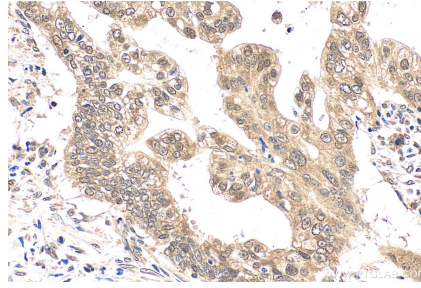
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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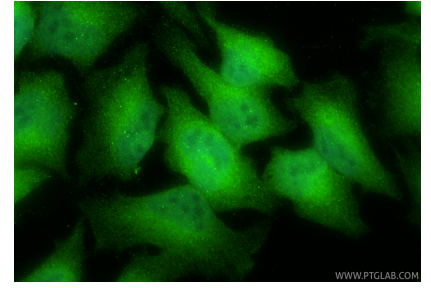
## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 55326-1-AP (QSER1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 55326-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 55326-1-AP (QSER1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 55326-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using QSER1 antibody (55326-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 55326-1-PBS in a different storage buffer formulation.