

INSC Polyclonal antibody

Catalog Number: 20973-1-AP

1 Publications

Basic Information

Catalog Number:

20973-1-AP

Size:

550 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_001031853

GeneID (NCBI):

387755

UNIPROT ID:

Q1MX18

Full Name:

inscuteable homolog (Drosophila)

Calculated MW:

63 kDa

Observed MW:

54 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IHC 1:20-1:200

IF/ICC 1:10-1:100

Applications

Tested Applications:

IF/ICC, IHC, WB, ELISA

Cited Applications:

ChIP

Species Specificity:

human, mouse, rat

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : mouse liver tissue, mouse kidney tissue

IHC : human kidney tissue, human liver tissue

IF/ICC : HeLa cells,

Background Information

INSC may function as an adapter linking the Par3 complex to the GPSM1/GPSM2 complex. It is involved in spindle orientation during mitosis it may regulate cell proliferation and differentiation in the developing nervous system. INSC may play a role in the asymmetric division of fibroblasts and participate in the process of stratification of the squamous epithelium. The antibody can recognize isoform 1, 2, 4, 5 of INSC.

Notable Publications

Author	Pubmed ID	Journal	Application
Bhavana Gupta	34433050	Cell Rep	ChIP

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

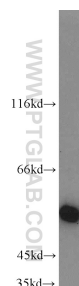
For technical support and original validation data for this product please contact:

T: 4006900926

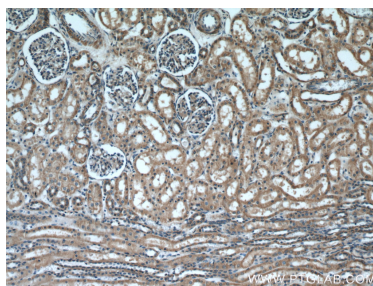
E: Proteintech-CN@ptglab.comW: ptgcn.com

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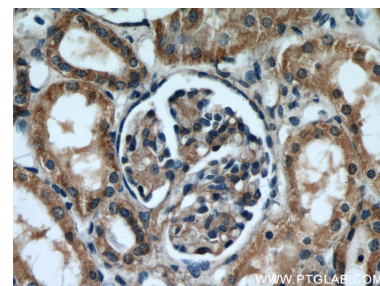
Selected Validation Data



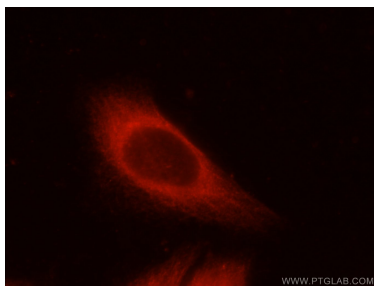
mouse liver tissue were subjected to SDS PAGE followed by western blot with 20973-1-AP (INSC antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human kidney using 20973-1-AP (INSC antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human kidney using 20973-1-AP (INSC antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of HeLa cells using 20973-1-AP (INSC antibody) at dilution of 1:25 and Rhodamine-Goat anti-Rabbit IgG.