

INSC Polyclonal ANTIBODY

Catalog Number: 20973-1-AP

Basic Information

Catalog Number:
20973-1-AP

Size:
55 µg/150 µl

Source:
Rabbit

Isotype:
IgG

Purification Method:
Antigen affinity purification

Immunogen Catalog Number:

GenBank Accession Number:
NM_001031853

GeneID (NCBI):
387755

Full Name:
inscuteable homolog (Drosophila)

Calculated MW:
63 kDa

Observed MW:
54 kDa

Recommended Dilutions:

WB 1:500-1:2000

IHC 1:20-1:200

IF 1:10-1:100

Applications

Tested Applications:
IF, IHC, WB, ELISA

Species Specificity:
human, mouse, rat

Note: 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 : 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 isoform1, 2,4,5 of INSC.

Notable Publications

Author	Pubmed ID	Journal	Application
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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

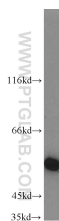
For technical support and original validation data for this product please contact:

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

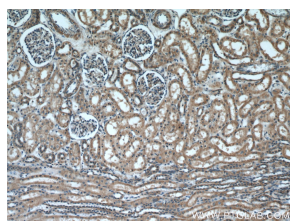
E: proteintech@ptglab.com
W: ptglab.com

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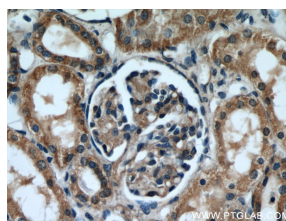
Selected Validation Data



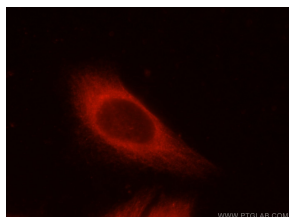
mouse liver tissue were subjected to SDS PAGE followed by western blot with 20973-1-AP(INSC antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours



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



Immunohistochemical 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