

For Research Use Only

Multi-rAb® ECSIT Multi-Recombinant antibody

Catalog Number: RMX00048



Basic Information

Catalog Number:
RMX00048

Size:
100ul, Concentration: 1000 µg/ml by
Nanodrop;

Source:
Rabbit

Isotype:
IgG

GenBank Accession Number:
BC008279

GeneID (NCBI):
51295

UNIPROT ID:
Q9BQ95

Full Name:
ECSIT homolog (Drosophila)

Calculated MW:
49 kDa

Observed MW:
49 kDa

Purification Method:
N/A

Recommended Dilutions:
WB: 1:2000-1:16000
IP: 0.5-4.0 ug for 1.0-3.0 mg of total
protein lysate
IF/ICC: 1:500-1:2000

Applications

Tested Applications:
WB, IF/ICC, IP, ELISA

Species Specificity:
human

Positive Controls:

WB : HEK-293 cells, Jurkat cells
IP : HEK-293 cells,
IF/ICC : A431 cells, HEK-293 cells

Background Information

ECSIT is a cytosolic adaptor protein associated with the toll-like receptor pathway. It has a distinct N-terminal mitochondrial targeting sequence, pentatricopeptide repeat motif, and a C-terminal pleckstrin homology domain. ECSIT regulates many biological processes like embryonic development, inflammation, cardiac function, and assembly of mitochondrial complex I. In macrophages, the activation of TLRs by inflammatory signals promotes the translocation of TRAF6 to mitochondria where it engages ECSIT to stimulate the production of mitochondrial reactive oxygen species (ROS).

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

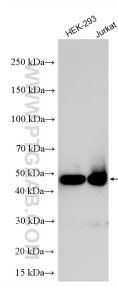
For technical support and original validation data for this product please contact:

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

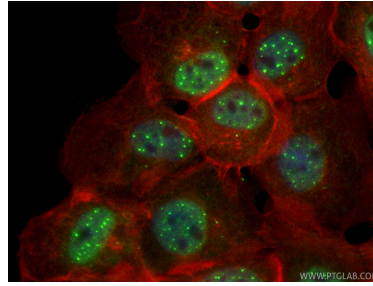
E: proteintech@ptglab.com
W: ptglab.com

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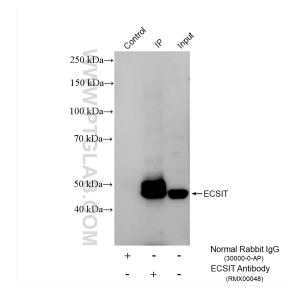
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with RMX00048 (ECSIT antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed A431 cells using ECSIT antibody (RMX00048) at dilution of 1:1000 and CoraLite@488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-phalloidin (red).



IP result of anti-ECSIT (IP:RMX00048, 4ug; Detection:RMX00048 1:10000) with HEK-293 cells lysate 1640 ug.