

For Research Use Only

ECSIT Polyclonal antibody

Catalog Number: 27548-1-AP



Basic Information

Catalog Number:

27548-1-AP

Size:

700 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG26877

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:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IHC 1:50-1:500

Applications

Tested Applications:

WB, IHC, ELISA

Species Specificity:

human, mouse

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 : HeLa cells, HEK-293 cells, Jurkat cells, K-562 cells, MCF-7 cells, mouse kidney tissue

IHC : human ovary cancer tissue,

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 pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

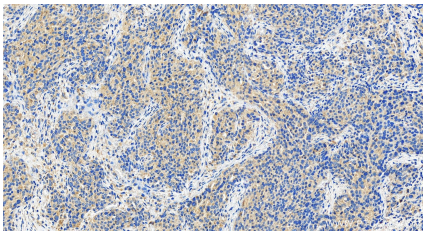
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E: Proteintech-CN@ptglab.com

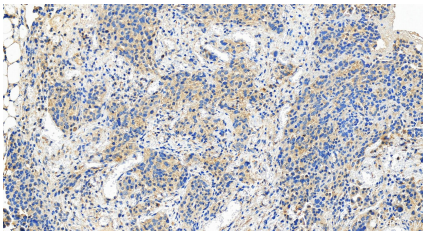
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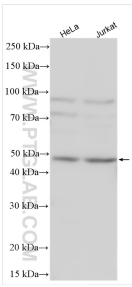
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human ovary cancer tissue slide using 27548-1-AP (ECSIT antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human ovary cancer tissue slide using 27548-1-AP (ECSIT antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Various lysates were subjected to SDS PAGE followed by western blot with 27548-1-AP (ECSIT antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.