

Datasheet for ABIN6990485 **anti-ECSIT antibody (C-Term)**



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Overview

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|----------------------|---|
| Quantity: | 0.1 mg |
| Target: | ECSIT |
| Binding Specificity: | AA 290-340, C-Term |
| Reactivity: | Human, Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This ECSIT antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

Product Details

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|---------------|---|
| Immunogen: | ECSIT antibody was raised against a peptide corresponding to 14 amino acids near the C-terminus of human ECSIT. The immunogen is located within amino acids 290 - 340 of ECSIT. |
| Isotype: | IgG |
| Purification: | ECSIT Antibody is Ion exchange chromatography purified. |

Target Details

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|-------------------|---|
| Target: | ECSIT |
| Alternative Name: | ECSIT (ECSIT Products) |
| Background: | ECSIT Antibody: Activation of NF- κ B as a result of Toll-like receptor (TLR) and IL-1 receptor signaling is a major component of innate immune responses. Signals from these receptors are relayed by a number of adapter molecules such as TRIF, TIRAP, and MyD88 to kinases such as |

Target Details

IRAK and other intermediates such as TNF receptor associated factor (TRAF)-6. ECSIT (evolutionarily conserved signaling intermediate in Toll pathways) was initially identified as a cytoplasmic protein interacting specifically with TNF receptor associated factor (TRAF)-6 in the TLR pathway. Recently however, ECSIT has also been shown to be required for bone morphogenetic protein (Bmp) signaling and mesoderm formation during mouse embryogenesis, indicating the possibility of cross-talk between the TLR/IL-B and Bmp signaling pathways.

Gene ID: 51295

NCBI Accession: [NP_057665](#)

UniProt: [Q9BQ95](#)

Pathways: [TLR Signaling, Toll-Like Receptors Cascades, SARS-CoV-2 Protein Interactome](#)

Application Details

Application Notes: ECSIT antibody can be used for detection of ECSIT by Western blot at 0.5 to 2 µg/mL. Antibody can also be used for immunohistochemistry starting at 2 µg/mL.

Antibody validated: Western Blot in human samples and Immunohistochemistry in mouse samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: ECSIT Antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, 4 °C

Storage Comment: ECSIT antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.