

Rabbit anti-Human, Mouse ECSIT Polyclonal Antibody | anti-ECSIT antibody

ECSIT Antibody

CATALOG # AAA40183	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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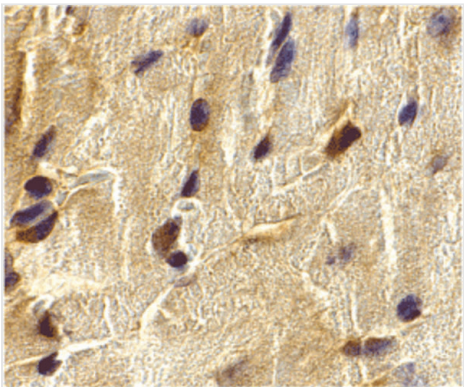
PRODUCT SYNONYMS

ECSIT; Polyclonal Antibody; ECSIT Antibody; SITPEC; Evolutionarily conserved signaling intermediate in Toll pathway; mitochondrial; Protein SITPEC; ECSIT homolog (Drosophila); anti-ECSIT antibody

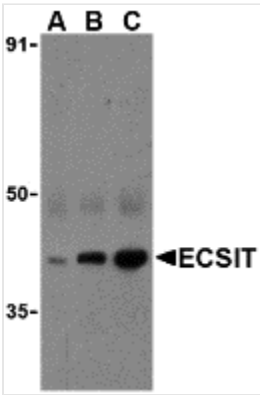
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	ECSIT Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	431
Applicable Applications for anti-ECSIT antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	ECSIT antibody was raised against a peptide corresponding to 14 amino acids near the C-terminus of human ECSIT.
Buffer	ECSIT Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	ECSIT antibody can be stored at 4 degree C for three months and -20 degree 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.

IMAGES



IHC (Immunohiostchemistry)
Immunohistochemistry of ECSIT in mouse heart cells with ECSIT antibody at 2 μg/mL.



WB (Western Blot)
Western blot analysis of ECSIT in human heart cell lysates with ECSIT antibody at (A) 0.5, (B) 1, and (C) 2 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-ECSIT antibody	ECSIT Antibody: Activation of NF-?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 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	20149633
NCBI GeneID	51295
NCBI Accession #	NP_057665
NCBI GenBank Nucleotide #	NM_016581.4
UniProt Accession #	Q9BQ95; Q96HQ7; Q9NYI1; E9PAN9; K7EMM0
Molecular Weight	33,938 Da
NCBI Official Full Name	evolutionarily conserved signaling intermediate in Toll pathway, mitochondrial isoform 1
NCBI Official Synonym Full Names	ECSIT signalling integrator
NCBI Official Symbol	ECSIT
NCBI Official Synonym Symbols	SITPEC
NCBI Protein Information	evolutionarily conserved signaling intermediate in Toll pathway, mitochondrial; ECSIT homolog; likely ortholog of mouse signaling intermediate in Toll pathway evolutionarily conserved
UniProt Protein Name	Evolutionarily conserved signaling intermediate in Toll pathway, mitochondrial
UniProt Gene Name	ECSIT
UniProt Entry Name	ECSIT_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

