

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

ECSIT Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA302646	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot, ELISA

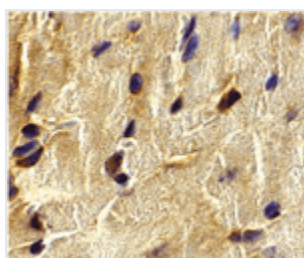
PRODUCT SYNONYMS

ECSIT; Polyclonal Antibody; ECSIT Antibody; anti-ECSIT antibody

PRODUCT SPECIFICATIONS

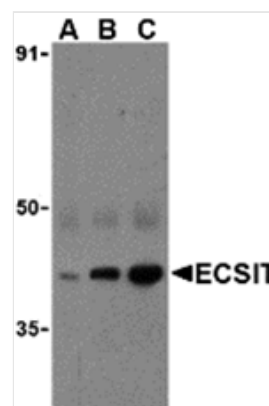
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Ion exchange chromatography purified
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	431
Applicable Applications for anti-ECSIT antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against a peptide corresponding to 14 amino acids near the C-terminus of human ECSIT.
Target Name	ECSIT
Preparation and Storage	Can be stored at -20 degree C, stable for 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 (Immunohistochemistry)

Immunohistochemistry of ECSIT in mouse heart cells with ECSIT antibody at 2 ug/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 ug/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-ECSIT antibody	Activation of NF-kB 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.
Product Categories/Family for anti-ECSIT antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	20149633
NCBI GeneID	51295
NCBI Accession #	NP_057665
NCBI GenBank Nucleotide #	NM_016581.4
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
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ecsit-antibody-immunohistochemistry-western-blot-elisa/302646>