

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

ECSIT Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290193	Rabbit	Human	Western Blot, ELISA, Immunofluorescence

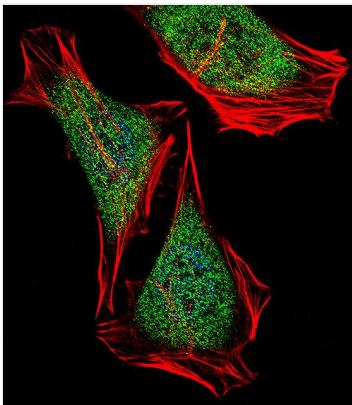
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

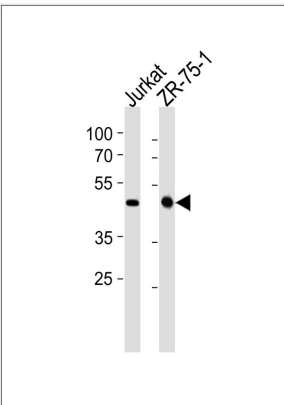
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ECSIT antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 396-425 amino acids from the C-terminal region of human ECSIT.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	396-425
Sequence Length	296
Applicable Applications for anti-ECSIT antibody	WB (Western Blot), ELISA, IF (Immunofluorescence)
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IF (Immunofluorescence)

Fluorescent confocal image of HeLa cell stained with ECSIT Antibody (C-term). HeLa cells were fixed with 4% PFA (20 min), permeabilized with Triton X-100 (0.1%, 10 min), then incubated with ECSIT primary antibody (1:25, 1 h at 37 degree). For secondary antibody, Alexa Fluor 488 conjugated donkey anti-rabbit antibody (green) was used (1:400, 50 min at 37 degree). Cytoplasmic actin was counterstained with Alexa Fluor 555 (red) conjugated Phalloidin (7units/ml, 1 h at 37 degree). Nuclei were counterstained with DAPI (blue) (10 ug/ml, 10 min). ECSIT immunoreactivity is localized to Cytoplasm and Nucleus significantly.



WB (Western Blot)

ECSIT Antibody (C-term) western blot analysis in Jurkat,ZR-75-1 cell line lysates (35ug/lane). This demonstrates the ECSIT antibody detected the ECSIT protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-ECSIT antibody	Adapter protein of the Toll-like and IL-1 receptor signaling pathway that is involved in the activation of NF-kappa-B via MAP3K1. Promotes proteolytic activation of MAP3K1. Involved in the BMP signaling pathway. Required for normal embryonic development (By similarity). Required for efficient assembly of mitochondrial NADH:ubiquinone oxidoreductase.
Product Categories/Family for anti-ECSIT antibody	Crown Antibodies; Immunology; Signal Transduction
References	Vogel, R.O., et al. Genes Dev. 21(5):615-624(2007) Xiao, C., et al. Genes Dev. 17(23):2933-2949(2003) Kopp, E., et al. Genes Dev. 13(16):2059-2071(1999)

NCBI AND UNIPROT INFORMATION

NCBI GI #	215599065
NCBI GeneID	51295
NCBI Accession #	NP_001135936.1; NP_001135937.1; NP_057665.2
NCBI GenBank Nucleotide #	NM_001142464.2
UniProt Accession #	Q9BQ95; Q96HQ7; Q9NYI1; E9PAN9; K7EMM0
Molecular Weight	49148
NCBI Official Full Name	evolutionarily conserved signaling intermediate in Toll pathway, mitochondrial isoform 2
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

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-western-blot-immunofluorescence-elisa/290193>