

## DATASHEET

# ECSIT Rabbit Polyclonal Antibody

CAT. NO. APA13156

### KEY FEATURES

Target	ECSIT	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at-20°C

### BACKGROUND

Adapter protein that plays a role in different signaling pathways including TLRs and IL-1 pathways or innate antiviral induction signaling. Plays a role in the activation of NF-kappa-B by forming a signal complex with TRAF6 and TAK1/MAP3K7 to activate TAK1/MAP3K7 leading to activation of IKKs . Once ubiquitinated, interacts with the dissociated RELA and NFKB1 proteins and translocates to the nucleus where it induces NF-kappa-B-dependent gene expression . Plays a role in innate antiviral immune response by bridging the pattern recognition receptors RIGI and MDA5/IFIT1 to the MAVS complex at the mitochondrion . Promotes proteolytic activation of MAP3K1. Involved in the BMP signaling pathway. Required for normal embryonic development .

### APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:1000
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\*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

### PRODUCT OVERVIEW

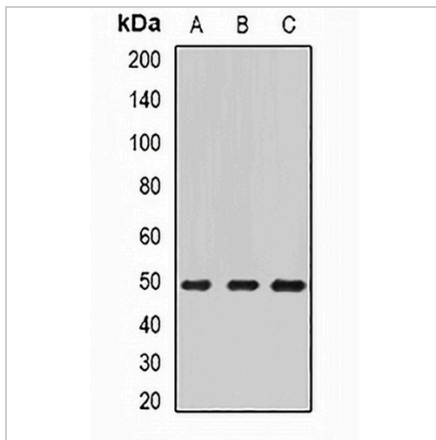
Description	Rabbit polyclonal antibody to ECSIT
Specificity	Recognizes endogenous levels of ECSIT protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human ECSIT
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 24; Observed: 49 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	Evolutionarily conserved signaling intermediate in Toll pathway mitochondrial; Protein SITPEC
Gene Symbol	ECSIT
Entrez Gene	51295(Human); 26940(Mouse)
SwissProt	Q9BQ95(Human); Q9QZH6(Mouse)

\*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact [info@arexbio.com](mailto:info@arexbio.com) or your local distributor.

\*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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**DATA**

Western blot analysis of ECSIT expression in HepG2 (A), mouse kidney (B), mouse heart (C) whole cell lysates. (Predicted band size: 24; 33; 49 kD; Observed band size: 49 kD)

**STORAGE**

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

**NOTE**

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.