

Datasheet for ABIN499780
anti-ECSIT antibody (C-Term)[Go to Product page](#)

2 Images

Overview

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

Product Details

Immunogen:	Human ECSIT (C-Terminus) Peptide
Isotype:	IgG
Specificity:	ECSIT antibody was raised against a peptide corresponding to 14 amino acids near the C-terminus of human ECSIT.
Purification:	Ion exchange chromatography

Target Details

Target:	ECSIT
Alternative Name:	ECSIT (ECSIT Products)

Target Details

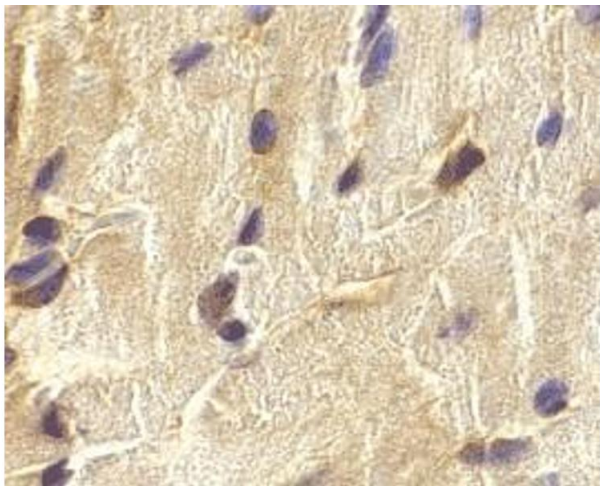
Background:	Activation of NF- κ B as a result of Toll-like receptor (TLR) and IL-1 receptor signaling is a major component of innate immune responses (reviewed in 1). Signals from these receptors are relayed by a number of adapter molecules such as TRIF, TIRAP, and MyD88 (2) to kinases such as IRAK (3) and other intermediates such as TNF receptor associated factor (TRAF)-6 (4). 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 (5). Recently however, ECSIT has also been shown to be required for bone morphogenetic protein (Bmp) signaling and mesoderm formation during mouse embryogenesis (6), indicating the possibility of cross-talk between the TLR/IL-B and Bmp signaling pathways.Synonyms: ECSIT homolog (Drosophila), Evolutionarily conserved signaling intermediate in Toll pathway, SITPEC, Signaling intermediate in toll pathway evolutionarily conserved, mitochondrial
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:	ELISA. Western blot: 0.5 to 1 μ g/mL. Immunohistochemistry. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

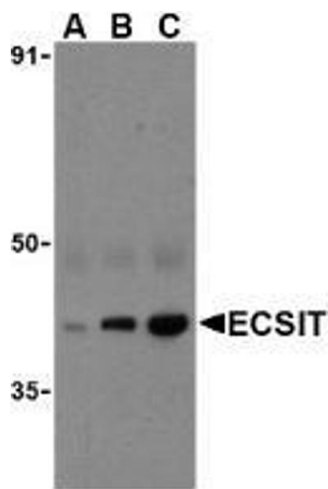
Handling

Buffer:	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:	4 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of ECSIT in mouse heart cells with ECSIT antibody at 2 µg/ml.



Western Blotting

Image 2. Western blot analysis of ECSIT in human heart cell lysates with AP30308PU-N ECSIT antibody at (A) 0.5, (B) 1, and (C) 2 µg/ml.