

## ECSIT Antibody

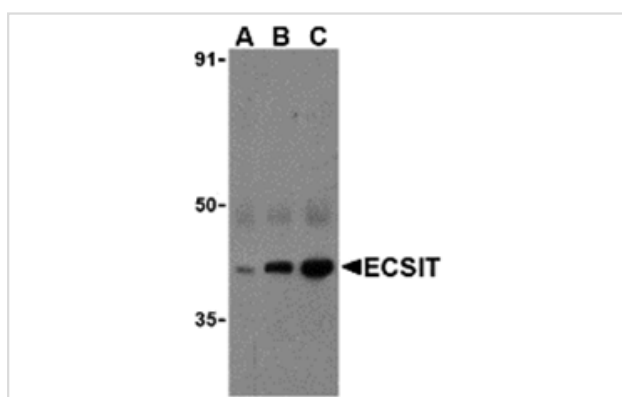
Catalog No: #24260

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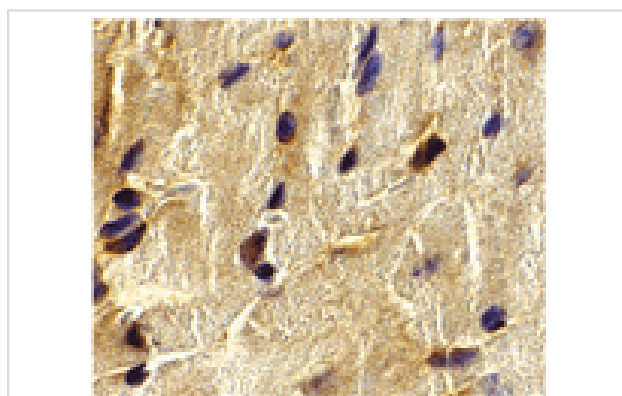
## Description

Product Name	ECSIT Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Ion exchange chromatography purified
Applications	E WB IHC
Species Reactivity	Hu Ms
Immunogen Type	Peptide
Immunogen Description	Raised against a peptide corresponding to 14 amino acids near the C-terminus of human ECSIT.
Target Name	ECSIT
Accession No.	NP_057665
Formulation	Supplied in PBS containing 0.02% sodium azide.
Storage	Can be stored at -20°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



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



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

## Background

Activation of NF- $\kappa$ 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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Note: This product is for in vitro research use only and is not intended for use in humans or animals.