

## TIRAP Antibody

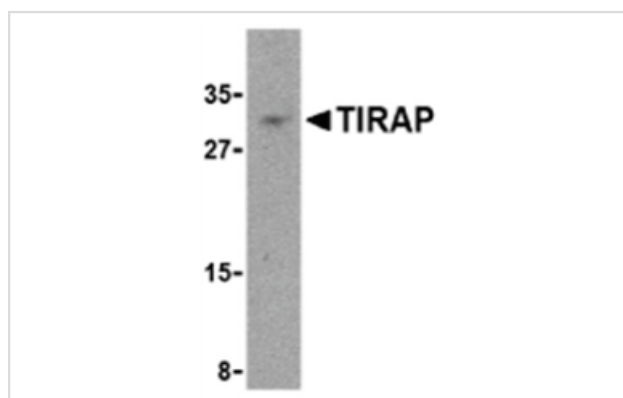
Catalog No: #24200

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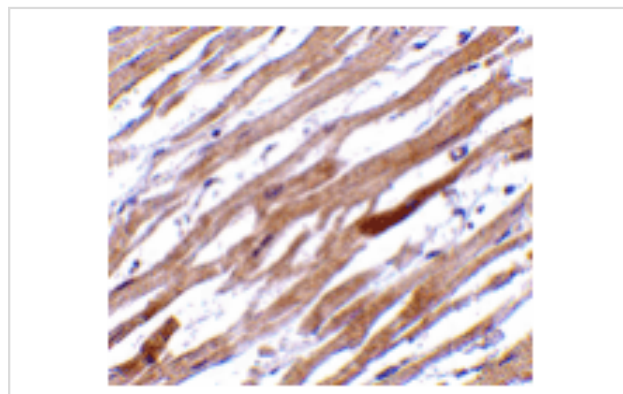
## Description

Product Name	TIRAP Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	TIRAP Antibody is affinity chromatography purified via peptide column.
Applications	ELISA WB IHC
Species Reactivity	Hu
Immunogen Type	Peptide
Immunogen Description	Raised against a peptide corresponding to amino acids near the middle of human TIRAP.
Target Name	TIRAP
Other Names	MAL
Accession No.	Swiss-Prot:P58753Gene ID:114609
Uniprot	P58753
GeneID	114609;
Concentration	1mg/ml
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 TIRAP in MCF-7 cell lysate with TIRAP antibody at 4 ug/mL.



Immunohistochemistry of TIRAP in human heart tissue with TIRAP antibody at 20 ug/mL.

## Background

Toll-like receptors (TLRs) are signaling molecules that recognize different microbial products during infection and serve as an important link between the innate and adaptive immune responses. These proteins act through adaptor molecules such as TIRAP and MyD88 to activate various kinases and transcription factors. In TIRAP-deficient mice, TLR signaling in response to TLR2 ligands (using either TLR1 and TLR6 as co-receptors) is totally abolished, suggesting that MyD88 and TIRAP work together and are both required for TLR2 signaling. Furthermore, these mice are also resistant to the toxic effects of LPS and show defects in NF- $\kappa$ B and MAP kinase activation, suggesting that TIRAP is also involved in TLR4 signaling.

Note: This product is for in vitro research use only