

Product datasheet for **TA306133**

TIRAP Rabbit Polyclonal Antibody

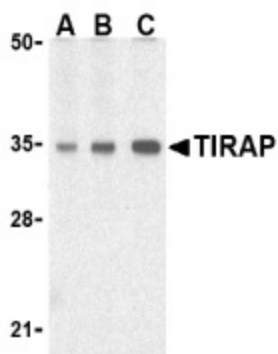
Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	WB: 0.5 - 2 ug/mL, ICC: 2 ug/mL, IF: 10 ug/mL
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	TIRAP antibody was raised against a peptide corresponding to 15 amino acids near the C-terminus of mouse TIRAP.
Formulation:	PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	Affinity chromatography purified via peptide column
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	toll-interleukin 1 receptor (TIR) domain containing adaptor protein
Database Link:	NP_473437 Entrez Gene 114609 Human P58753
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 (1-3). These proteins act through adaptor molecules such as TIRAP and MyD88 to activate various kinases and transcription factors (4,5). 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 (6). Furthermore, these mice are also resistant to the toxic effects of LPS and show defects in NF- κ B and MAP kinase activation, suggesting that TIRAP is also involved in TLR4 signaling (6,7)
Synonyms:	BACTS1; Mal; MyD88-2; wyatt

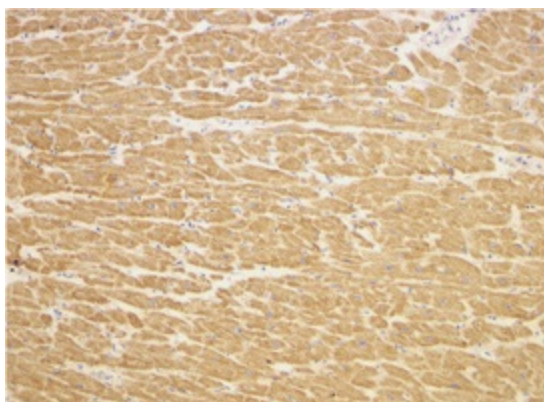


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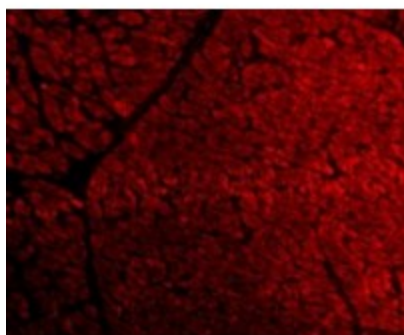
Product images:



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



Immunohistochemical staining of human heart cells using TIRAP antibody at 2 ug/ml.



Immunofluorescence of TIRAP in Human Heart tissue with TIRAP antibody at 10 ug/mL.