

Datasheet for ABIN500925
anti-TIRAP antibody (Center)[Go to Product page](#)

2 Images

Overview

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

Product Details

Immunogen:	TIRAP antibody was raised against a peptide corresponding to amino acids near the middle of human TIRAP.
Isotype:	IgG
Specificity:	This antibody detects TIRAP at Center.
Cross-Reactivity (Details):	Species reactivity (tested):Human
Purification:	Ion exchange chromatography

Target Details

Target:	TIRAP
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Target Details

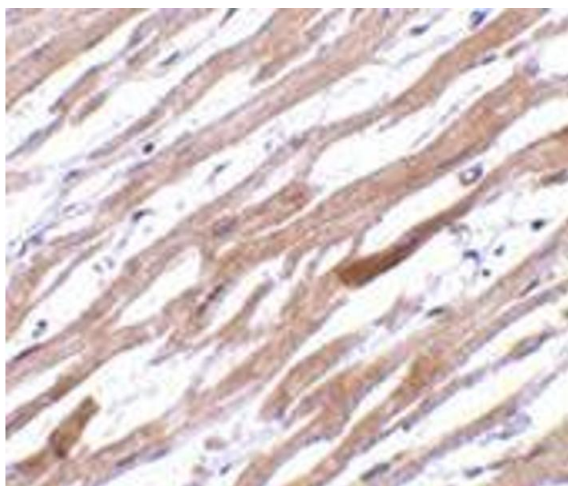
Alternative Name:	TIRAP (TIRAP Products)
Background:	<p>Toll-like receptors (TLRs) are signaling molecules that recognize different microbial products during infection and serve as an important link between the innate and adaptive immune responses (1-3). These proteins act through adaptor molecules such 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-kappaB and MAP kinase activation, suggesting that TIRAP is also involved in TLR4 signaling (6,7). Synonyms: Adaptor protein Wyatt, MAL, MyD88 adapter-like protein, TIR domain-containing adapter protein, Toll/interleukin-1 receptor domain-containing adapter protein</p>
Gene ID:	114609
Pathways:	TLR Signaling , Activation of Innate immune Response , Cellular Response to Molecule of Bacterial Origin , Toll-Like Receptors Cascades

Application Details

Application Notes:	<p>ELISA. Western blot: 4 µg/mL. Immunohistochemistry on paraffin sections.</p> <p>Other applications not tested.</p> <p>Optimal dilutions are dependent on conditions and should be determined by the user.</p>
Restrictions:	For Research Use only

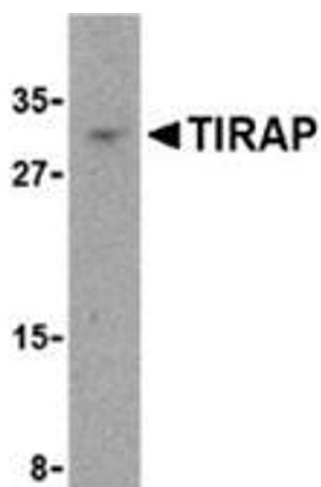
Handling

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.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2 - 8 °C for up to one month or (in aliquots) at -20 °C for longer.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of TIRAP in human heart tissue with this product at 20 µg/ml.



Western Blotting

Image 2. Western blot analysis of TIRAP in MCF-7 cell lysate with this product at 4 µg/ml.