

TIRAP Polyclonal Antibody

Catalog NumberPA5-20028

Product data sheet

Details		Species Reactivity	
Size	100 µg	Species reactivity	Human, Mouse, Rat
Host/Isotope	Rabbit / IgG	Tested Applications	
Class	Polyclonal	Immunohistochemistry (IHC)	2 µg/mL
Type	Antibody	Western Blot (WB)	1-2 µg/mL
Immunogen	A peptide corresponding to 15 amino acids near the C-terminus of mouse TIRAP.	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Conjugate	Unconjugated		
Form	Liquid		
Concentration	1 mg/mL		
Purification	Antigen affinity chromatography		
Storage buffer	PBS		
Contains	0.02% sodium azide		
Storage Conditions	Maintain refrigerated at 2-8°C for up to 3 months. For long term storage store at -20°C		

Product specific information

A suggested positive control is human heart tissue lysate. PA5-20028 can be used with blocking peptide PEP-0147.

Background/Target Information

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.

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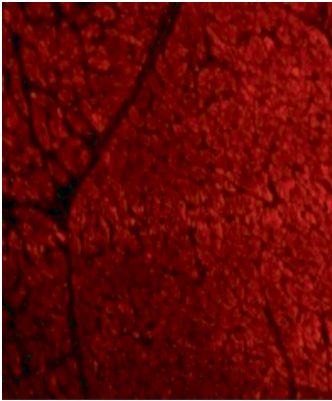
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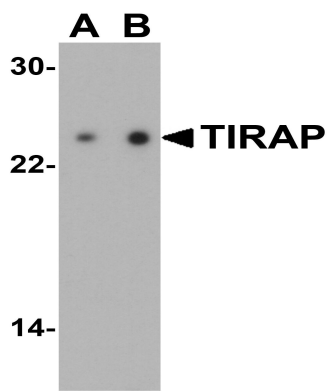
Product Images For TIRAP Polyclonal Antibody



**TIRAP Antibody (PA5-20028) in IHC**  
Immunohistochemical staining of human heart tissue using TIRAP Polyclonal Antibody (Product # PA5-20028) at 2 µg/mL.



**TIRAP Antibody (PA5-20028) in IHC**  
Immunofluorescence of TIRAP in Human Heart tissue with TIRAP Polyclonal Antibody (Product # PA5-20028) at 10 µg/mL.



**TIRAP Antibody (PA5-20028) in WB**  
Western Blot analysis of TIRAP in human heart tissue lysate with TIRAP Polyclonal Antibody (Product # PA5-20028) at (A) 1 and (B) 2 µg/mL.

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