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TIRAP Antibody
Rabbit Polyclonal Antibody
Catalog # ALS11489

Specification

TIRAP Antibody - Product Information

Application	**IF**
Primary Accession	P58753
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**24kDa KDa**

TIRAP Antibody - Additional Information

Gene ID 114609

Other Names
Toll/interleukin-1 receptor domain-containing adapter protein, TIR domain-containing adapter protein, Adaptor protein Wyatt, MyD88 adapter-like protein, MyD88-2, TIRAP, MAL

Target/Specificity
peptide corresponding to amino acids near the middle of human TIRAP

Reconstitution & Storage
Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

Precautions
TIRAP Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

TIRAP Antibody - Protein Information

Name TIRAP

Synonyms MAL

Function
Adapter involved in TLR2, TLR4 and RAGE signaling pathways in the innate immune response. Acts via IRAK2 and TRAF-6, leading to the activation of NF-kappa-B, MAPK1, MAPK3 and JNK, and resulting in cytokine secretion and the inflammatory response. Positively regulates the production of TNF-alpha (TNF) and interleukin-6 (IL6).

Cellular Location
Cytoplasm. Cell membrane. Membrane. Note=Colocalizes with DAB2IP at the plasma membrane

Tissue Location
Highly expressed in liver, kidney, spleen, skeletal muscle and heart. Also detected in peripheral blood leukocytes, lung, placenta, small intestine, thymus, colon and brain

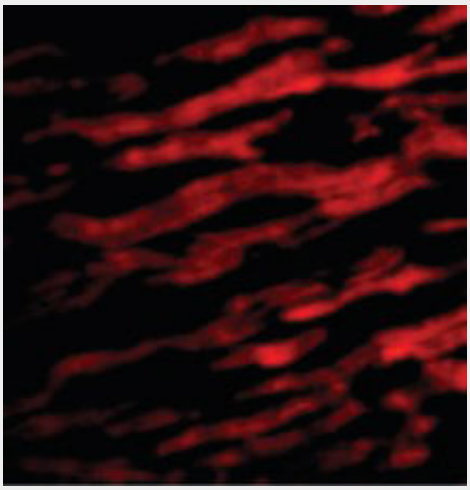
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TIRAP Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

TIRAP Antibody - Images



Immunofluorescence of TIRAP in Human Heart cells with TIRAP antibody at 20 ug/ml.

TIRAP Antibody - Background

Adapter involved in TLR2 and TLR4 signaling pathways in the innate immune response. Acts via IRAK2 and TRAF-6, leading to the activation of NF-kappa-B, MAPK1, MAPK3 and JNK, and resulting in cytokine secretion and the inflammatory response. Positively regulates the production of TNF-alpha and interleukin-6.

TIRAP Antibody - References

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Horng T.,et al.Nat. Immunol. 2:835-841(2001).
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