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TIRAP Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP8759b

Specification

TIRAP Antibody (C-term) Blocking Peptide - Product Information

Primary Accession P58753

TIRAP Antibody (C-term) Blocking Peptide - 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
The synthetic peptide sequence used to generate the antibody AP8759b was selected from the C-term region of human TIRAP. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

TIRAP Antibody (C-term) Blocking Peptide - 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 (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

TIRAP Antibody (C-term) Blocking Peptide - Protocols

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

- Blocking Peptides

TIRAP Antibody (C-term) Blocking Peptide - Images

TIRAP Antibody (C-term) Blocking Peptide - Background

Adapter involved in the TLR4 signaling pathway in the innate immune response. TIRAP acts via IRAK2 and TRAF-6, leading to the activation of NF-kappa-B, MAPK1, MAPK3 and JNK, resulting in cytokine secretion and the inflammatory response.

TIRAP Antibody (C-term) Blocking Peptide - References

Eto,A., et.al., Biochem. Biophys. Res. Commun. 301 (2), 495-501 (2003)