

TIRAP Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP8759b**Specification**

TIRAP Antibody (C-term) Blocking Peptide - Product InformationPrimary 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](/products/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-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

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)