

Mouse Irak4 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP14148b

Specification

Mouse Irak4 Antibody (C-term) - Product Information

Application WB,E 08R4K2 **Primary Accession** NP 084202.2 Other Accession Reactivity Human Host **Rabbit** Clonality **Polyclonal** Isotype Rabbit IgG Calculated MW 50872 Antigen Region 422-449

Mouse Irak4 Antibody (C-term) - Additional Information

Gene ID 266632

Other Names

Interleukin-1 receptor-associated kinase 4, IRAK-4, Irak4

Target/Specificity

This Mouse Irak4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 422-449 amino acids from the C-terminal region of mouse Irak4.

Dilution

WB~~1:1000

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

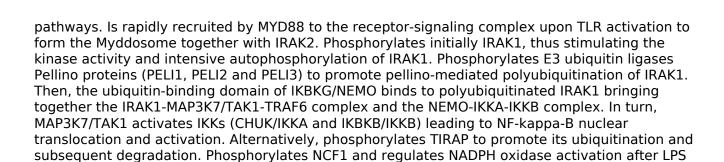
Mouse Irak4 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Mouse Irak4 Antibody (C-term) - Protein Information

Name Irak4

Function Serine/threonine-protein kinase that plays a critical role in initiating innate immune response against foreign pathogens. Involved in Toll-like receptor (TLR) and IL-1R signaling





Cellular Location Cytoplasm.

abcepta

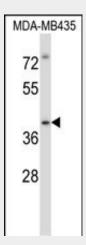
Mouse Irak4 Antibody (C-term) - Protocols

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

stimulation suggesting a similar mechanism during microbial infections (By similarity).

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

Mouse Irak4 Antibody (C-term) - Images



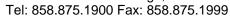
Mouse Irak4 Antibody (C-term) (Cat. #AP14148b) western blot analysis in MDA-MB435 cell line lysates (35ug/lane). This demonstrates the Irak4 antibody detected the Irak4 protein (arrow).

Mouse Irak4 Antibody (C-term) - Background

Irak4 is required for the efficient recruitment of IRAK1 to the IL-1 receptor complex following IL-1 engagement, triggering intracellular signaling cascades leading to transcriptional up-regulation and mRNA stabilization. Phosphorylates IRAK1 (By similarity).

Mouse Irak4 Antibody (C-term) - References







Erdman, L.K., et al. J. Immunol. 183(10):6452-6459(2009) Maekawa, Y., et al. Circulation 120(14):1401-1414(2009) Bauernfeind, F.G., et al. J. Immunol. 183(2):787-791(2009) Staschke, K.A., et al. J. Immunol. 183(1):568-577(2009) Koziczak-Holbro, M., et al. Arthritis Rheum. 60(6):1661-1671(2009)