

ARG64632 anti-IRAK3 antibody

Package: 100 µg
Store at: -20°C

Summary

| | |
|---------------------|--------------------------------------------------------------------------------------------------------------------------|
| Product Description | Goat Polyclonal antibody recognizes IRAK3 |
| Tested Reactivity | Ms, Rat |
| Tested Application | WB |
| Host | Goat |
| Clonality | Polyclonal |
| Isotype | IgG |
| Target Name | IRAK3 |
| Species | Mouse |
| Immunogen | C-GHSYGSKPMEKR |
| Conjugation | Un-conjugated |
| Alternate Names | ASRT5; IRAK-3; IRAKM; IRAK-M; IL-1 receptor-associated kinase M; Interleukin-1 receptor-associated kinase 3; EC 2.7.11.1 |

Application Instructions

| Application table | Application | Dilution |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| | WB | 0.05 - 0.2 µg/ml |
| Application Note | WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist. | |

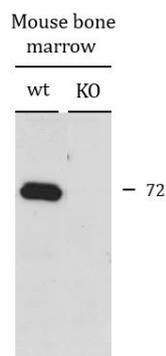
Properties

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|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Form | Liquid |
| Purification | Purified from goat serum by antigen affinity chromatography. |
| Buffer | Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA. |
| Preservative | 0.02% Sodium azide |
| Stabilizer | 0.5% BSA |
| Concentration | 0.5 mg/ml |
| Storage instruction | For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use. |
| Note | For laboratory research only, not for drug, diagnostic or other use. |

Bioinformation

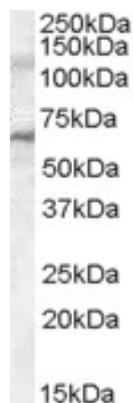
| | |
|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Database links | GeneID: 73914 Mouse Swiss-port # O8K4B2 Mouse |
| Gene Symbol | Irak3 |
| Gene Full Name | interleukin-1 receptor-associated kinase 3 |
| Background | This gene encodes a member of the interleukin-1 receptor-associated kinase protein family. Members of this family are essential components of the Toll/IL-R immune signal transduction pathways. This protein is primarily expressed in monocytes and macrophages and functions as a negative regulator of Toll-like receptor signaling. Mutations in this gene are associated with a susceptibility to asthma. Alternate splicing results in multiple transcript variants. [provided by RefSeq, May 2010] |
| Function | Inhibits dissociation of IRAK1 and IRAK4 from the Toll-like receptor signaling complex by either inhibiting the phosphorylation of IRAK1 and IRAK4 or stabilizing the receptor complex. [UniProt] |
| Research Area | Immune System antibody; Signaling Transduction antibody |
| Calculated Mw | 68 kDa |

Images



ARG64632 anti-IRAK3 antibody WB image

Western blot: 35 μ g of Mouse bone marrow lysates (Left: Wild type. Right: KO) stained with ARG64632 anti-IRAK3 antibody at 0.5 μ g/ml dilution, overnight at 4°C.



ARG64632 anti-IRAK3 antibody WB image

Western blot: 35 μ g of Rat liver lysate (in RIPA buffer) stained with ARG64632 anti-IRAK3 antibody at 0.05 μ g/ml dilution and incubated at RT for 1 hour.