

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.	

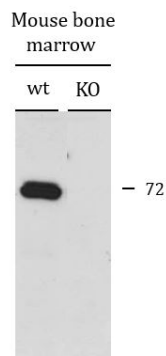
Properties

Form	Liquid
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
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

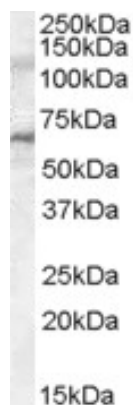
Database links	GeneID: 73914 Mouse Swiss-port # Q8K4B2 Mouse
Gene Symbol	Irak3
Gene Full Name	interleukin-1 receptor-associated kinase 3
Background	This gene encodes a member of the interleukin-1 receptor-associated kinase protein family. Members of this family are essential components of the Toll/IL-R 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 µg of Mouse bone marrow lysates (Left: Wild type. Right: KO) stained with ARG64632 anti-IRAK3 antibody at 0.5 µg/ml dilution, overnight at 4°C.



ARG64632 anti-IRAK3 antibody WB image

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