

Anti-IRAK3/Irak M Rabbit Monoclonal Antibody
Catalog # ABO13661**Specification**

Anti-IRAK3/Irak M Rabbit Monoclonal Antibody - Product Information

Application	WB, IP
Primary Accession	Q9Y616
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Human
Clonality	Monoclonal
Format	Liquid

Description

Anti-IRAK3/Irak M Rabbit Monoclonal Antibody . Tested in WB, IP applications. This antibody reacts with Human.

Anti-IRAK3/Irak M Rabbit Monoclonal Antibody - Additional Information

Gene ID 11213

Other Names

Interleukin-1 receptor-associated kinase 3, IRAK-3, IL-1 receptor-associated kinase M, IRAK-M, Inactive IL-1 receptor-associated kinase 3, IRAK3 {ECO:0000312|EMBL:AAH57800.1}

Calculated MW

67767 MW KDa

Application Details

WB 1:500-1:2000
IP 1:10

Tissue Specificity

Expressed predominantly in peripheral blood lymphocytes..

Contents

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen

A synthesized peptide derived from human IRAK3

Purification

Affinity-chromatography

Storage

Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Anti-IRAK3/Irak M Rabbit Monoclonal Antibody - Protein Information

Name IRAK3 {ECO:0000312|EMBL:AAH57800.1}

Function

Putative inactive protein kinase which regulates signaling downstream of immune receptors including IL1R and Toll-like receptors (PubMed:10383454, PubMed:29686383). 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 (By similarity). Upon IL33-induced lung inflammation, positively regulates expression of IL6, CSF3, CXCL2 and CCL5 mRNAs in dendritic cells (PubMed:29686383).

Cellular Location

Cytoplasm. Nucleus. Note=In dendritic cells, translocates into the nucleus upon IL33 stimulation. {ECO:0000250|UniProtKB:Q8K4B2}

Tissue Location

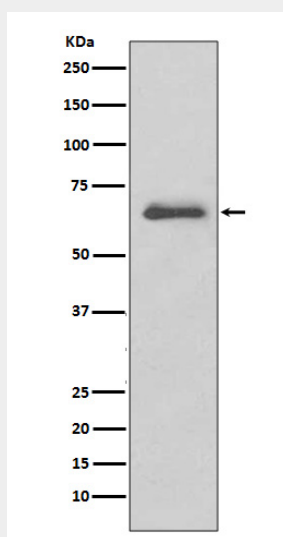
Expressed in eosinophils, dendritic cells and/or monocytes (at protein level) (PubMed:29686383). Expressed predominantly in peripheral blood lymphocytes (PubMed:10383454)

Anti-IRAK3/Irak M Rabbit Monoclonal Antibody - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-IRAK3/Irak M Rabbit Monoclonal Antibody - Images



Western blot analysis of SGK1 expression in A431 cell lysate.