

IRAK-M Polyclonal Antibody
Catalog # AP70576**Specification**

IRAK-M Polyclonal Antibody - Product Information

Application	WB, IHC-P, IF
Primary Accession	Q9Y616
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal

IRAK-M Polyclonal Antibody - Additional Information**Gene ID** 11213**Other Names**

IRAK3; Interleukin-1 receptor-associated kinase 3; IRAK-3; IL-1 receptor-associated kinase M; IRAK-M

Dilution

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.
IHC-P~~N/A
IF~~1:50~200

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

IRAK-M Polyclonal 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

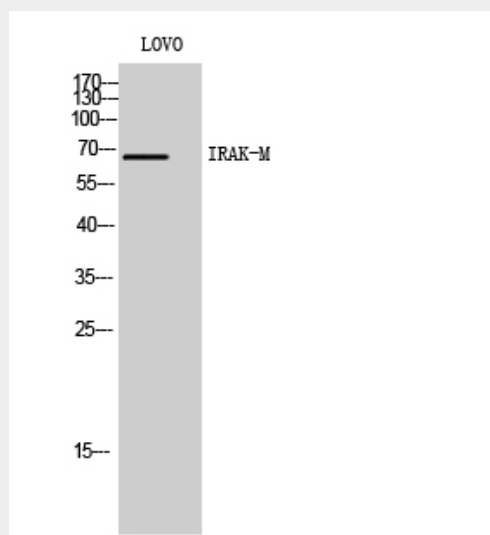
Expressed in eosinophils, dendritic cells and/or monocytes (at protein level) (PubMed:29686383).
Expressed predominantly in peripheral blood lymphocytes (PubMed:10383454)

IRAK-M Polyclonal 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](#)

IRAK-M Polyclonal Antibody - Images



Western Blot analysis of LOVO cells using IRAK-M Polyclonal Antibody

IRAK-M Polyclonal Antibody - Background

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.