

IRAK3 / IRAKM / IRAK-M Antibody (C-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS11693**Specification**

IRAK3 / IRAKM / IRAK-M Antibody (C-Terminus) - Product Information

Application	WB, IHC-P
Primary Accession	O9Y616
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	68kDa KDa
Dilution	WB~~1:1000 IHC-P~~N/A

IRAK3 / IRAKM / IRAK-M Antibody (C-Terminus) - Additional Information**Gene ID** 11213**Other Names**

Interleukin-1 receptor-associated kinase 3, IRAK-3, 2.7.11.1, IL-1 receptor-associated kinase M, IRAK-M, IRAK3 {ECO:0000312|EMBL:AAH57800.1}

Target/Specificity

peptide corresponding to amino acids from the carboxy terminus of human IRAK-M

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

Precautions

IRAK3 / IRAKM / IRAK-M Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

IRAK3 / IRAKM / IRAK-M Antibody (C-Terminus) - 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}

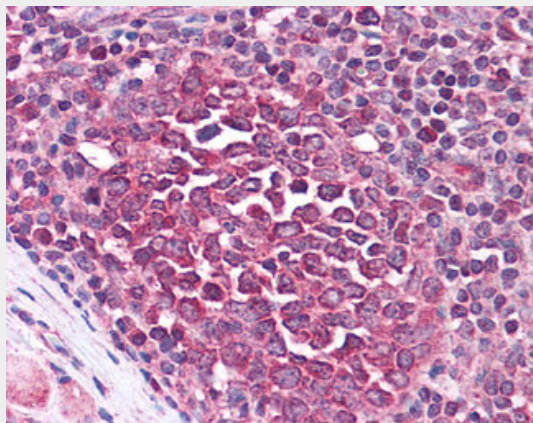
Tissue Location

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

IRAK3 / IRAKM / IRAK-M Antibody (C-Terminus) - 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](#)

IRAK3 / IRAKM / IRAK-M Antibody (C-Terminus) - Images

Anti-IRAK3 / IRAKM antibody IHC of human tonsil.

IRAK3 / IRAKM / IRAK-M Antibody (C-Terminus) - 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.

IRAK3 / IRAKM / IRAK-M Antibody (C-Terminus) - References

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Ota T.,et al.Nat. Genet. 36:40-45(2004).
Scherer S.E.,et al.Nature 440:346-351(2006).
Balaci L.,et al.Am. J. Hum. Genet. 80:1103-1114(2007).
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