

**IRAK3 Antibody**  
**Rabbit mAb**  
**Catalog # AP90677**

**Specification**

**IRAK3 Antibody - Product Information**

Application	WB, IP
Primary Accession	<a href="#">O9Y616</a>
Clonality	Monoclonal
<b>Other Names</b>	
ASRT5; FLJ13601; IL-1 receptor-associated kinase M; Interleukin-1 receptor-associated kinase 3; interleukin-1 receptor-associated kinase M; IRAK-3; IRAK-M; IRAK3; IRAKM;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	67767 Da

**IRAK3 Antibody - Additional Information**

Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human IRAK3
Description	IRAK3 a TKL kinase of the IRAK family. The interleukin-1 receptor-associated kinases are important mediators in the signal transduction of Toll-like receptor and IL1R family members, collectively referred to as TIRs.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

**IRAK3 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:<a href="http://www.uniprot.org/citations/10383454" target="\_blank">10383454</a>, PubMed:<a href="http://www.uniprot.org/citations/29686383" target="\_blank">29686383</a>). 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:<a href="http://www.uniprot.org/citations/29686383" target="\_blank">29686383</a>).

**Cellular Location**

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

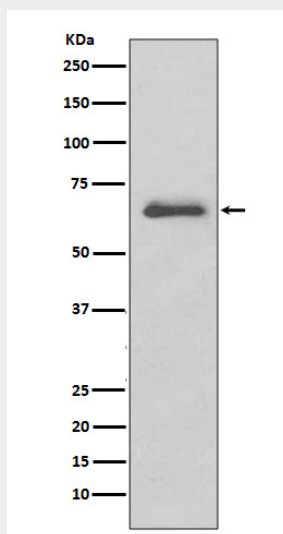
**Tissue Location**

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

**IRAK3 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](#)

**IRAK3 Antibody - Images**

Western blot analysis of SGK1 expression in A431 cell lysate.