

IRAK3 Antibody

Rabbit mAb

Catalog # AP90677

Product Information

Application	WB, IP
Primary Accession	Q9Y616
Reactivity	Human
Clonality	Monoclonal
Other Names	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

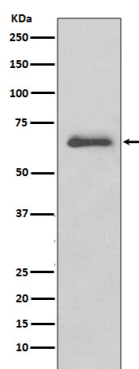
Additional Information

Dilution	WB 1:500~1:2000 IP 1:10
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.

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)

Images



Western blot analysis of SGK1 expression in A431 cell lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.