

---

**Product Name: IRAK3 (17H10) Rabbit Monoclonal Antibody****Catalog #: AMRe12728**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	0.5mg/ml. The concentration of this product may be batch-dependent.
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
<b>Purification</b>	Affinity purification

**Application**

<b>Dilution Ratio</b>	WB 1:2000-1:20000
<b>Molecular Weight</b>	68kDa

**Antigen Information**

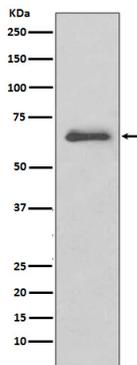
<b>Gene Name</b>	IRAK3
<b>Alternative Names</b>	ASRT5; FLJ13601; IL-1 receptor-associated kinase M; Interleukin-1 receptor-associated kinase 3; interleukin-1 receptor-associated kinase M; IRAK-3; IRAK-M; IRAK3; IRAKM;
<b>Gene ID</b>	11213.0
<b>SwissProt ID</b>	Q9Y616
<b>Immunogen</b>	A synthetic peptide of human IRAKM

**Background**

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. 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).

## Research Area

## Image Data



Western blot analysis of SGK1 expression in A431 cell lysate.