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**Product Name: IRAK4 Rabbit Polyclonal Antibody****Catalog #: APRab00207**

For research use only.

**Summary**

<b>Description</b>	Rabbit polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC,ICC/IF,FC
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<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% sodium azide and 50% glycerol.
<b>Purification</b>	Affinity Chromatography

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:1000,IHC 1:50-1:100,ICC/IF 1:50-1:200,FC 1:50-1:100
<b>Molecular Weight</b>	Calculated MW: 52 kDa; Observed MW: 52 kDa

**Antigen Information**

<b>Gene Name</b>	IRAK4
<b>Alternative Names</b>	IL-1 receptor-associated kinase 4; Interleukin 1 receptor associated kinase 4 mutant form 1; IPD1; IRAK4; LOC 51135; NY REN 64; REN64
<b>Gene ID</b>	51135
<b>SwissProt ID</b>	Q9NWZ3
<b>Immunogen</b>	A synthetic peptide of human IRAK4

**Background**

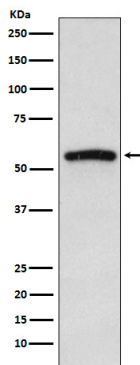
Required for the efficient recruitment of IRAK1 to the IL-1 receptor complex following IL-1 engagement, triggering intracellular

signaling cascades leading to transcriptional up-regulation and mRNA stabilization. Phosphorylates IRAK1.

## Research Area

Immunology

## Image Data



Western blot analysis of IRAK4 in Jurkat lysates using IRAK4 antibody.