

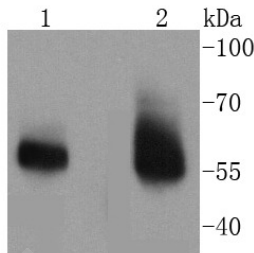
Anti-IRAK3 Antibody (3K815)

Product Details

Ig Type:	IgG
Reactivity:	Human
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 61 kDa.
Clone:	3K815
Purification:	ProA affinity purified

Applications

Verified Activity: 1. Western blot analysis of IRAKM on different lysates using anti-IRAKM antibody at 1/1,000 dilution. Positive control: Lane 1: Human placenta, Lane 2: Human thyroid.



Application:	IP,WB
Recommended	WB: 1:1000-2000

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping: Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein
Uniprot ID:	Q9Y616
Synonyms:	Inactive IL-1 receptor-associated kinase 3;IRAK-3;Interleukin-1 receptor-associated kinase 3;IL-1 receptor-associated kinase M (IRAK-M);Irak3

Research Background

Interleukin-1 receptor (IL1R)-associated kinases (IRAKs) are important mediators in the signal transduction of Toll-like receptor (TLR) and IL1R family members, collectively referred to as TIRs. Binding of IL-1 to its cognate receptor results in the activation of the NFκB signaling pathway. An IL-1-dependent kinase termed IRAK-1 (for IL-1 receptor-associated kinase 1) coimmunoprecipitates with activated IL-1RI and is implicated as an upstream mediator of NFκB activation. A related Drosophila protein, Pelle, is a known upstream activator of Dorsal, the Drosophila homolog of NFκB. IRAK-2 is a proximal mediator of IL1, a component of the IL1R signaling complex, and is required for IL1R-induced NFκB activation. IRAK-4, like IRAK-1 and Pelle, has auto- and cross-phosphorylation kinase activity. IRAK-4 is strongly expressed in kidney and is also found in lung, testis, small intestine, breast, liver, and placenta. In

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contrast to the other IRAKs that are expressed in most cell types, IRAK-M is restricted to monocytic cells. IRAK-M mRNA transcripts are found predominantly in PBL and the monocytic cell lines U937 and THP-1.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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