

IRAKM polyclonal antibody

Catalog: BS90736

Host: Rabbit

Reactivity: Human

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 NFkB 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 NFkB activation. A related Drosophila protein, Pelle, is a known upstream activator of Dorsal, the Drosophila homolog of NFkB. IRAK-2 is a proximal mediator of IL1, a component of the IL1R signaling complex, and is required for IL1R-induced NFkB 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 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.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

61 kDa

Swiss-Prot:

Q9Y616(Human)

Purification&Purity:

ProA affinity purified

Applications:

WB:1:1,000-1:2,000

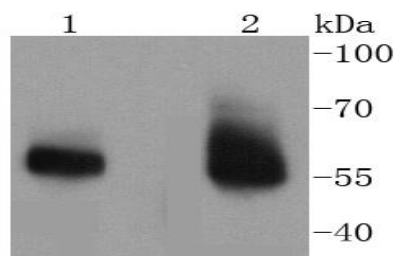
Storage&Stability:

Store at +4 °C after thawing. Aliquot store at -20 °C or -80 °C. Avoid repeated freeze / thaw cycles.

Specificity:

IRAKM polyclonal antibody detects endogenous levels of IRAKM protein.

DATA:



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

Note:

For research use only, not for use in diagnostic procedure.

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