

IRAK1 (phospho-T209) polyclonal antibody

Catalog: BS4698

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

Three structurally related ligands for IL-1Rs have been described. These include two agonists, IL-1 α and IL-1 β , and a specific receptor antagonist, IL-1Ra. Two distinct receptors designated IL-1RI and IL-1RII have been identified, each of which belong to the Ig superfamily. The preponderance of evidence suggests IL-1RI to be the functional IL-1 receptor. Binding of IL-1 to its cognate receptor results in the activation of the NF κ B signaling pathway. The IL-1-dependent kinase termed IRAK (for IL-1 receptor-associated kinase) co-immunoprecipitates with activated IL-1RI and has been implicated as an upstream mediator of NF κ B activation. Additional support for this assertion comes from the fact that a related Drosophila protein, Pelle, is a known upstream activator of Dorsal, the Drosophila homolog of NF κ B.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

Molecular Weight:

~ 76 kDa

Swiss-Prot:

P51617

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

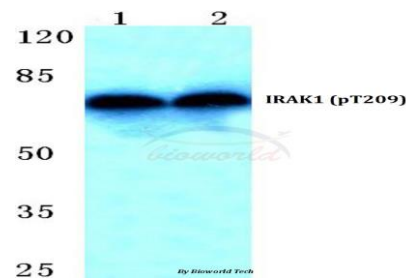
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

p-IRAK1 (T209) polyclonal antibody detects endogenous levels of IRAK1 protein only when phosphorylated at Thr209.

DATA:



Western blot (WB) analysis of p-IRAK1 (T209) polyclonal antibody at 1:500 dilution

Lane1:MCF-7 cell lysate treated with IL-1 β (2ng/ML,15mins)

Lane2:Raw264.7 cell lysate treated with IL-1 β (2ng/ML,15mins)

Note:

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

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