

## IRAK1 polyclonal antibody

Catalog: BS74937

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

This gene encodes the interleukin-1 receptor-associated kinase 1, one of two putative serine/threonine kinases that become associated with the interleukin-1 receptor (IL1R) upon stimulation. This gene is partially responsible for IL1-induced upregulation of the transcription factor NF-kappa B. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

### Product:

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

### Molecular Weight:

90-100kDa

### 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, 1:1000 - 1:3000 | IF/ICC, 1:50 - 1:200

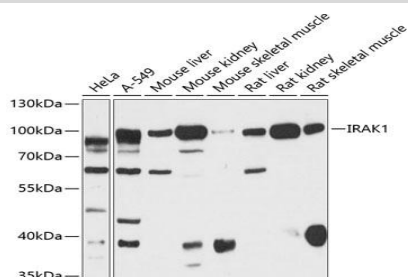
### Storage&Stability:

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

### Modification:

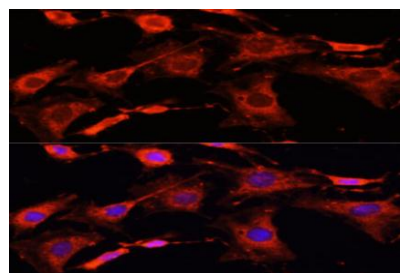
Unmodification

### DATA:

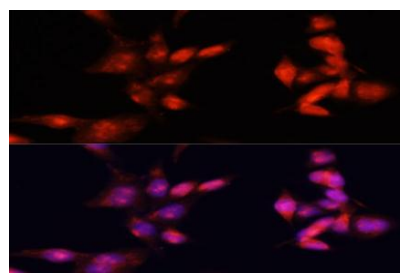


Western blot analysis of extracts of various cell lines, using IRAK1 an-

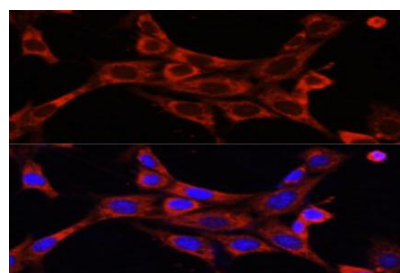
tibody at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 5s.



Immunofluorescence analysis of C6 cells using IRAK1 antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of HeLa cells using IRAK1 antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH/3T3 cells using IRAK1 antibody at dilution of 1:100. Blue: DAPI for nuclear staining.

### Note:

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

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