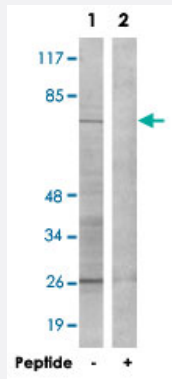


# IRAK1 polyclonal antibody

Catalog # PAB18403      Size 100 ug

## Applications



### Western Blot (Cell lysate)

Western blot analysis of extracts from NIH/3T3 cells, using IRAK1 polyclonal antibody (Cat # PAB18403).

Peptide "+" means "peptide blocking".

## Specification

|                     |                                                                                                                                                           |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Description | Rabbit polyclonal antibody raised against synthetic peptide of IRAK1.                                                                                     |
| Immunogen           | A synthetic peptide corresponding to residues surrounding T209 of human IRAK1.                                                                            |
| Host                | Rabbit                                                                                                                                                    |
| Reactivity          | Human                                                                                                                                                     |
| Specificity         | This antibody is specific to IRAK1.                                                                                                                       |
| Form                | Liquid                                                                                                                                                    |
| Purification        | Affinity purification                                                                                                                                     |
| Concentration       | 1 mg/mL                                                                                                                                                   |
| Recommend Usage     | Western Blot (1:500-1:1000)<br>Immunohistochemistry (1:50-1:100)<br>ELISA (1:20000)<br>The optimal working dilution should be determined by the end user. |
| Storage Buffer      | In PBS, 150mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide)                                                                                             |

**Storage Instruction**

Store at -20°C.  
Aliquot to avoid repeated freezing and thawing.

**Note**

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot (Cell lysate)

Western blot analysis of extracts from NIH/3T3 cells, using IRAK1 polyclonal antibody (Cat # PAB18403).

Peptide "+" means "peptide blocking".

- Immunohistochemistry

- Enzyme-linked Immunoabsorbent Assay

## Gene Info — IRAK1

**Entrez GeneID** [3654](#)

**Protein Accession#** [P51617](#)

**Gene Name** IRAK1

**Gene Alias** IRAK, pelle

**Gene Description** interleukin-1 receptor-associated kinase 1

**Omim ID** [300283](#)

**Gene Ontology** [Hyperlink](#)

**Gene Summary** 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. [provided by RefSeq]

**Other Designations** OTTHUMP00000026014|OTTHUMP00000026020|Pelle homolog

## Pathway

- [Apoptosis](#)

- [Neurotrophin signaling pathway](#)
- [Toll-like receptor signaling pathway](#)

## Disease

- [Arthritis](#)
- [Atherosclerosis](#)
- [Brain Ischemia](#)
- [Calcinosis](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Cerebral Hemorrhage](#)
- [Chronic Disease](#)
- [Coronary Artery Disease](#)
- [Crohn Disease](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [HIV Infections](#)
- [Hypertension](#)
- [Kidney Diseases](#)
- [Lupus Erythematosus](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Sepsis](#)
- [Shock](#)
- [Stroke](#)

- [Thyroid Neoplasms](#)
- [Translocation](#)
- [Werner syndrome](#)