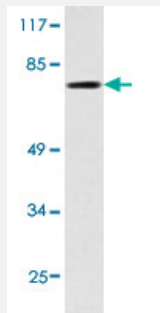


IRAK1 polyclonal antibody

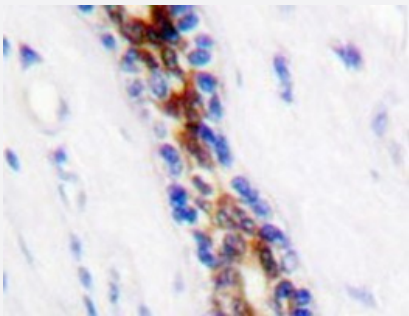
Catalog # PAB24861 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of NIH/3T3 cell lysate with IRAK1 polyclonal antibody (Cat # PAB24861).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using IRAK1 polyclonal antibody (Cat # PAB24861).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of IRAK1.
Immunogen	A synthetic peptide corresponding to IRAK1.
Host	Rabbit
Theoretical MW (kDa)	77
Reactivity	Human
Specificity	IRAK1 polyclonal antibody detects endogenous levels of IRAK1 protein.
Form	Liquid

Purification	Antigen affinity purification
Concentration	1 mg/mL
Purity	> 95% by SDS-PAGE
Recommend Usage	Western Blot (1:500-1000) Immunohistochemistry (1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In 1x PBS, pH 7.2 (0.05% sodium azide)
Storage Instruction	Store at 4°C. For long term storage 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 NIH/3T3 cell lysate with IRAK1 polyclonal antibody (Cat # PAB24861).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using IRAK1 polyclonal antibody (Cat # PAB24861).

Gene Info — IRAK1

Entrez GeneID	3654
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](#)