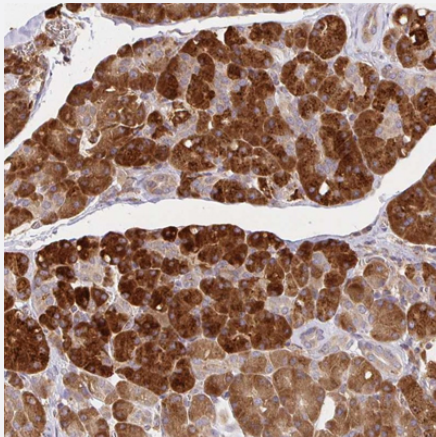


IRAK1 polyclonal antibody

Catalog # PAB29458

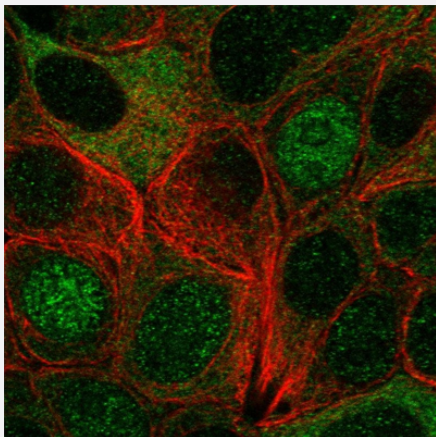
Size 100 uL

Applications



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

Immunohistochemical staining of human pancreas with IRAK1 polyclonal antibody (Cat # PAB29458) shows strong cytoplasmic positivity in exocrine glands.



Immunofluorescence

Immunofluorescent staining of human cell line MCF7 with IRAK1 polyclonal antibody (Cat # PAB29458) at 1-4 ug/mL concentration shows positivity in nucleus and cytoplasm.

Specification

Product Description

Rabbit polyclonal antibody raised against recombinant human IRAK1.

Immunogen

Recombinant protein corresponding to human IRAK1.

Sequence

GAQHFLYEVPWVMCRFYKVMDALEPADWCQFAALIVRDQTELRLCERSGQRTASVLWPWINR
NARVADLVHILTHLQLLRARDIITAWHP

Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:200-1:500) Immunofluorescence (1-4 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% 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

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

Immunohistochemical staining of human pancreas with IRAK1 polyclonal antibody (Cat # PAB29458) shows strong cytoplasmic positivity in exocrine glands.

- Immunofluorescence

Immunofluorescent staining of human cell line MCF7 with IRAK1 polyclonal antibody (Cat # PAB29458) at 1-4 ug/mL concentration shows positivity in nucleus and cytoplasm.

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](#)