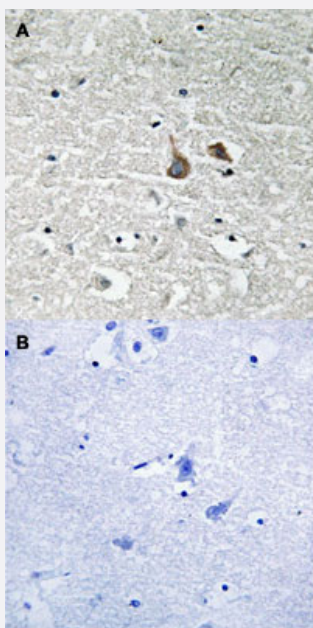


IRAK1 (phospho S376) polyclonal antibody

Catalog # PAB29301 Size 100 uL

Applications



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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human brain tissue with IRAK1 (phospho S376) polyclonal antibody (Cat# PAB29301) without blocking peptide (A) or preincubated with blocking peptide (B) under 1:50-1:100 dilution.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic phosphopeptide of human IRAK1.
Immunogen	Synthetic phosphopeptide (conjugated with KLH) corresponding to residues surrounding S376 of human IRAK1.
Host	Rabbit
Theoretical MW (kDa)	76
Specificity	IRAK1 (phospho S376) polyclonal antibody detects endogenous levels of human IRAK1 only when phosphorylated at serine 376.
Form	Liquid
Purification	Affinity Chromatography

Recommend Usage	Immunohistochemistry (1:50~1:100) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (without Mg^{2+} and Ca^{2+}), 150 mM 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

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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](#)