

IRAK-1 (phospho Ser376) rabbit pAb

Cat No.: ES5916

For research use only

Overview

Product Name IRAK-1 (phospho Ser376) rabbit pAb

Host species Rabbit
Applications IHC;IF;ELISA

Species Cross-Reactivity Human;Rat;Mouse;

Recommended dilutions Immunohistochemistry: 1/100 - 1/300. ELISA:

1/5000. Not yet tested in other applications.

Immunogen The antiserum was produced against synthesized

peptide derived from human IRAK1 around the phosphorylation site of Ser376. AA range:342-391

Specificity Phospho-IRAK-1 (S376) Polyclonal Antibody detects

endogenous levels of IRAK-1 protein only when

phosphorylated at S376.

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and

0.02% sodium azide.

Store at -20°C. Avoid repeated freeze-thaw cycles.

Protein Name Interleukin-1 receptor-associated kinase 1

Gene Name IRAK1

Cellular localization Cytoplasm . Nucleus . Lipid droplet . Translocates to

the nucleus when sumoylated. RSAD2/viperin recruits it to the lipid droplet (By similarity). .

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using

epitope-specific immunogen.

Clonality Polyclonal Concentration 1 mg/ml

Observed band

Purification

Human Gene ID 3654 Human Swiss-Prot Number P51617

Alternative Names IRAK1; IRAK; Interleukin-1 receptor-associated

kinase 1; IRAK-1

Background This gene encodes the interleukin-1

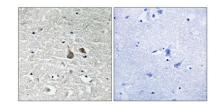
receptor-associated kinase 1, one of two putative serine/threonine kinases that become associated





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. [provided by RefSeq, Jul 2008],

Immunohistochemistry analysis of paraffin-embedded human brain, using IRAK1 (Phospho-Ser376) Antibody. The picture on the right is blocked with the phospho peptide.



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