



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.
Storage	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). .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	
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.

