

IRAK1 (Phospho-Ser376) Antibody

Catalog No: #11735

Package Size: #11735-1 50ul #11735-2 100ul

Orders: order@signalwayantibody.com

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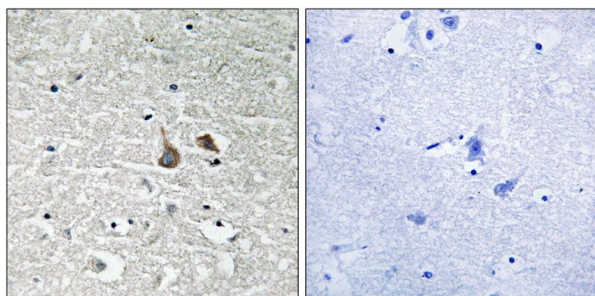
Description

Product Name	IRAK1 (Phospho-Ser376) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of IRAK1 only when phosphorylated at serine 376.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of Serine 376(Q-S-S(p)-M-V) derived from Human IRAK1.
Target Name	IRAK1
Modification	Phospho
Other Names	IL1RAK; IRAK; mPLK;
Accession No.	Swiss-Prot#: P51617; NCBI Gene#: 3654; NCBI Protein#: NP_001560.2.
Uniprot	P51617
GeneID	3654;
SDS-PAGE MW	76kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C/1 year

Application Details

Immunohistochemistry: 1:50~1:100

Images



Immunohistochemical analysis of paraffin-embedded human brain tissue using IRAK1 (Phospho-Ser376) antibody #11735 (left) or the same antibody preincubated with blocking peptide (right).

Background

IRAK1 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. IRAK1 is partially responsible for IL1-induced upregulation of the transcription factor NF-kappa B. Cao Z., Science 271:1128-1131(1996). Reichwald K., Mamm. Genome 11:182-190(2000). Jensen L.E., J. Biol. Chem. 276:29037-29044(2001).

Note: This product is for in vitro research use only