

anti-Human, Mouse IRAK1 Antibody | anti-IRAK1 antibody

IRAK1 (Phospho-Thr100) Antibody

CATALOG # AAA111962	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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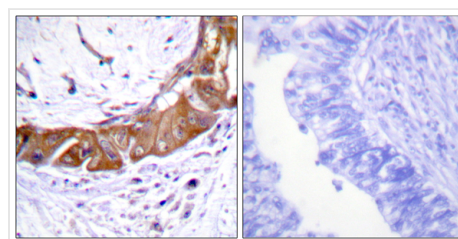
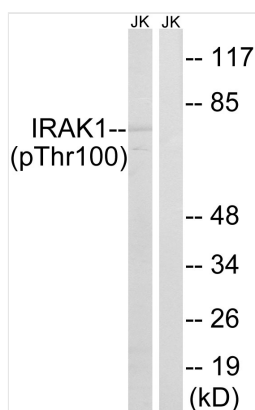
PRODUCT SYNONYMS

IRAK1; IRAK1 (Phospho-Thr100) Antibody; EC 2.7.11.1; IL1RAK; IRAK; IRAK-1; Interleukin-1 receptor-associated kinase 1; Pelle-like protein kinase; kinase IRAK1; mPLK; anti-IRAK1 antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse
Specificity	IRAK1 (Phospho-Thr100) antibody detects endogenous levels of IRAK1 only when phosphorylated at threonine 100.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	682
Applicable Applications for anti-IRAK1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human IRAK1 around the phosphorylation site of threonine 100 (I-I-TP-A-W).
All Sites	Human: Thr100 Mouse: Thr100
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide+

IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue using IRAK1 (Phospho-Thr100) antibody. Western blot analysis of extracts from Jurkat cells, treated with heat shock, using IRAK1 (Phospho-Thr100) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-IRAK1 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	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).

NCBI AND UNIPROT INFORMATION

NCBI GI #	68800343
NCBI GeneID	3654
NCBI Accession #	NP_001020413.1
NCBI GenBank Nucleotide #	NM_001025242.1
UniProt Accession #	P51617; Q7Z5V4; Q96C06; Q96RL2; D3DWW3; D3DWW4
Molecular Weight	68,022 Da
NCBI Official Full Name	interleukin-1 receptor-associated kinase 1 isoform 2
NCBI Official Synonym Full Names	interleukin 1 receptor associated kinase 1
NCBI Official Symbol	IRAK1
NCBI Official Synonym Symbols	IRAK; pelle
NCBI Protein Information	interleukin-1 receptor-associated kinase 1
UniProt Protein Name	Interleukin-1 receptor-associated kinase 1
UniProt Gene Name	IRAK1
UniProt Synonym Gene Names	IRAK; IRAK-1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/human-mouse-antibody/irak1/111962>