

Rabbit IRAK1 Polyclonal Antibody | anti-IRAK1 antibody

IRAK1 (Phospho-Thr100) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA316409	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

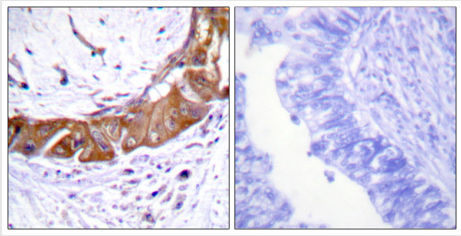
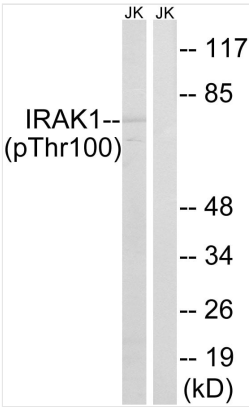
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	IRAK1 (Phospho-Thr100) Antibody detects endogenous levels of IRAK1 only when phosphorylated at Thr100.
Purity/Purification	Purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	633
Applicable Applications for anti-IRAK1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Target Modification	Phospho
Modification Sites	H:T100; M:T100; R:T100
Immunogen	The antiserum was produced against synthesized peptide derived from human IRAK1 around the phosphorylation site of Thr100.
Immunogen Range	66-115
Preparation and Storage	Stable at -20 degree C for at least 1 year.

IMAGES



IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded human colon carcinoma, using IRAK1 (Phospho-Thr100) Antibody. The picture on the right is blocked with the phospho peptide.

WB (Western Blot)
Western blot analysis of lysates from Jurkat cells treated with heat shock, using IRAK1 (Phospho-Thr100) Antibody. The lane on the right is blocked with the phospho peptide.

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	76 kDa
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.