

Goat IRAK4 / IRAK-4 Polyclonal Antibody | anti-IRAK4 antibody

Goat Polyclonal to Human IRAK4 / IRAK-4

CATALOG # AAA51420	HOST Goat	REACTIVITY Bat, Gibbon, Gorilla, Horse, Human, Monkey Predicted Reactivity: Bovine, Dog, Pig, Rabbit, Sheep (at least 90% immunogen sequence identity)	APPLICATIONS ELISA, Western Blot, Immunohistochemistry
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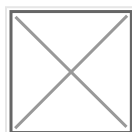
PRODUCT SYNONYMS

IRAK4 / IRAK-4; Polyclonal Antibody; Goat Polyclonal to Human IRAK4 / IRAK-4; Anti-IRAK4 / IRAK-4 Antibody (N-Terminus) IHC-plus; IRAK4; IPD1; IRAK-4; NY-REN-64; REN64; Human IRAK4; anti-IRAK4 antibody

PRODUCT SPECIFICATIONS

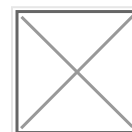
Host	Goat
Reactivity	Bat, Gibbon, Gorilla, Horse, Human, Monkey Predicted Reactivity: Bovine, Dog, Pig, Rabbit, Sheep (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human IRAK4.
Purity/Purification	Immunoaffinity Purified
Form/Format	Tris-buffered saline, pH 7.3, 0.5% BSA, 0.02% sodium azide
Concentration	0.5 mg/ml (varies by lot)
Sequence Length	460
Applicable Applications for anti-IRAK4 antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic peptide NKPITPSTYVRC from the N-terminus of human IRAK4 (NP_057207.2; NP_001107654.1). Percent identity by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Marmoset, Elephant, Bat, Horse, Lizard (100%).
Immunogen Type	Synthetic peptide
Immunogen	IRAK4 / IRAK-4 antibody was raised against synthetic peptide NKPITPSTYVRC from the N-terminus of human IRAK4 (NP_057207.2; NP_001107654.1). Percent identity by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Marmoset, Elephant, Bat, Horse, Lizard (100%); Sheep, Panda, Dog, Bovine, Rabbit, Pig (92%); Hamster (83%).
Antigen Modification	N-Terminus
Preparation and Storage	Store at -20 degree C. Minimize freezing and thawing.

IMAGES



WB (Western Blot)

1 ug/ml Staining of Hela lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



IHC (Immunohistochemistry)

Anti-IRAK4 antibody IHC of human heart. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 3.75 ug/ml.



IHC (Immunohistochemistry)

Anti-IRAK4 antibody IHC of human liver. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 3.75 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-IRAK4 antibody	IRAK4, an IRAK type protein kinase, is a signal transducer for the immune response Toll-like receptor and interleukin-1 (IL-1) receptor signaling cascades. IRAK4 has auto- and cross-phosphorylation kinase activity and has been shown to phosphorylate and activate IRAK1. Additionally, IRAK4 interacts with IRAK1 and TRAF6 in an IL-1-dependent manner, and overexpression of IRAK4 can activate NF-kappaB as well as mitogen-activated protein (MAP) kinase pathways.
Product Categories/Family for anti-IRAK4 antibody	Family: Protein Kinase; Subfamily: IRAK (Pelle)

NCBI AND UNIPROT INFORMATION

NCBI GI #	166795293
NCBI GeneID	51135
NCBI Accession #	NP_057207.2
NCBI GenBank Nucleotide #	NM_016123.3
UniProt Accession #	Q9NWZ3; Q69FE1; Q8TDF7; Q9Y589
Molecular Weight	37,674 Da
NCBI Official Full Name	interleukin-1 receptor-associated kinase 4 isoform a
NCBI Official Synonym Full Names	interleukin-1 receptor-associated kinase 4
NCBI Official Symbol	IRAK4
NCBI Official Synonym Symbols	IPD1; REN64; IRAK-4; NY-REN-64
NCBI Protein Information	interleukin-1 receptor-associated kinase 4; renal carcinoma antigen NY-REN-64
UniProt Protein Name	Interleukin-1 receptor-associated kinase 4
UniProt Gene Name	IRAK4
UniProt Synonym Gene Names	IRAK-4
UniProt Entry Name	IRAK4_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/irak4-irak-4-antibody-western-blot-immunohistochemistry-elisa/51420>