Rabbit anti-Human IRAK4 / IRAK-4 Polyclonal Antibody | anti-IRAK4 antibody

Rabbit Polyclonal to Human IRAK4 / IRAK-4

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA50790	**Rabbit**	**Human**	**Western Blot, Immunocytochemistry, Immunohistochemistry**

PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	synthetic peptide corresponding to amino acids at the carboxy terminus of human IRAK-4
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.02% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	460
Applicable Applications for anti-IRAK4 antibody	WB (Western Blot), ICC (Immunocytochemistry), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic peptide from human IRAK4.
Immunogen Type	Synthetic peptide
Immunogen	IRAK4 / IRAK-4 antibody was raised against synthetic peptide from human IRAK4.
Antigen Modification	C-Terminus
Preparation and Storage	Short term 4 degree C, long term aliquot and store at -20 degree C, avoid freeze thaw cycles. Store undiluted.

IMAGES

WB (Western Blot)
Western blot of IRAK-4 in HeLa cell lysate with IRAK-4 antibody at 1 (lane 1), 2 (lane 2), and 4 (lane 3) ug/ml, respectively.

ICC (Immunocytochemistry)
Immunocytochemistry of IRAK-4 in K562 cells with IRAK-4 antibody at 10 ug/ml.

IF (Immunofluorescence)
Immunofluorescence of IRAK-4 in K562 cells with IRAK-4 antibody at 10 ug/ml.

IHC (Immunohistochemistry)
Anti-IRAK4 antibody IHC of human spleen. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 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.

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Online datasheet: https://stage.aaabiotech.com/polyclonal/irak4-irak-4-antibody-western-blot-immunocytochemistry-immunohistochemistry-elisa/50790