

Rabbit IRAK4 Polyclonal Antibody | anti-IRAK4 antibody

RABBIT ANTI HUMAN IRAK4 (C-TERMINAL)

CATALOG # AAA50039	HOST Rabbit	APPLICATIONS Western Blot, Immunohistochemistry
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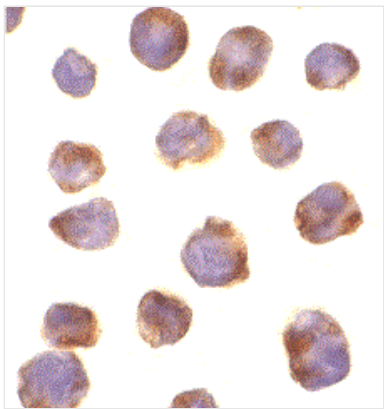
PRODUCT SYNONYMS

IRAK4; Polyclonal Antibody; RABBIT ANTI HUMAN IRAK4 (C-TERMINAL); anti-IRAK4 antibody

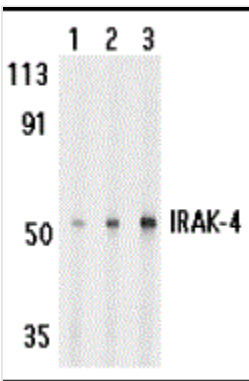
PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Form/Format	Purified Purified IgG - liquid
Concentration	IgG concentration 1.0mg/ml (varies by lot)
Sequence Length	460
Applicable Applications for anti-IRAK4 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Perservative Stabilisers	0.02% Sodium Azide (NaN ₃)
Immunogen	A peptide corresponding to amino acids at the carboxy terminus of human IRAK4. Buffer Solution
Antiserum Preparation	Antiserum to IRAK4 was raised by repeated immunisation of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by chromatography.
Target Species	Human
Preparation and Storage	Store at 4 degree C or at -20 degree C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 18 months from date of despatch.

IMAGES



Application Data
Immunocytochemical staining of K562 human erythromyeloblastoid cell line with Rabbit anti Human IRAK4 (AAA50039)



Application Data
Western blot analysis of whole cell lysate from HeLa epithelial carcinoma cell line probed with Rabbit anti Human IRAK4 (AAA50039)

ADDITIONAL INFORMATION

Related Product Information for anti-IRAK4 antibody	Rabbit anti Human IRAK4 (C-Terminal) antibody detects an epitope within the C-Terminal (CT) region of integrin-1 receptor-associated kinase 4 (IRAK4). IRAK4 has a molecular weight of 50kD, and is an important mediator in the signal transduction of Toll-like receptor (TLR) and interleukin-1 (IL-1) receptor family members. IRAK4 functions in this signal transduction pathway by binding to the IL-1 type I receptor following IL-1 engagement, triggering intracellular signalling cascades leading to transcriptional up-regulation and mRNA stabilization. IRAK4 is a key activator of TLR-mediated signal transductions and has crucial roles in innate immune responses. It is expressed by the liver, kidneys and skeletal muscle.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	166795295
NCBI GeneID	51135
NCBI Accession #	NP_001107654.1
NCBI GenBank Nucleotide #	NM_001114182.2
UniProt Accession #	Q9NWX3; 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.

