

Rabbit IRAK1 Polyclonal Antibody | anti-IRAK1 antibody

RABBIT ANTI HUMAN IRAK1 (C-TERMINAL)

CATALOG # AAA49944	HOST Rabbit	APPLICATIONS Western Blot, Immunoprecipitation, Immunohistochemistry
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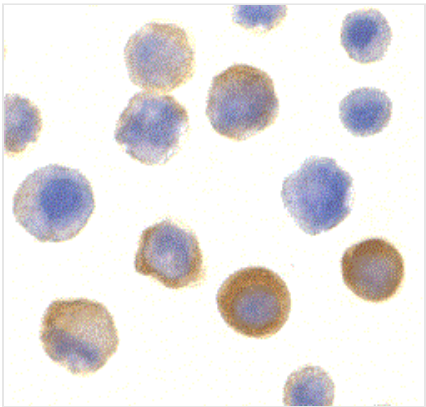
PRODUCT SYNONYMS

IRAK1; Polyclonal Antibody; RABBIT ANTI HUMAN IRAK1 (C-TERMINAL); anti-IRAK1 antibody

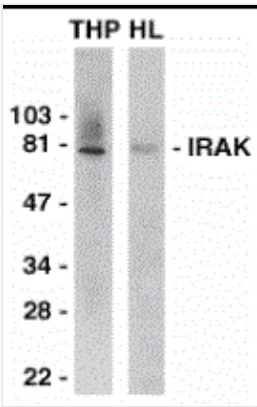
PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Form/Format	Purified Purified IgG - liquid
Concentration	IgG concentration 0.5 mg/ml (varies by lot)
Sequence Length	682
Applicable Applications for anti-IRAK1 antibody	WB (Western Blot), IP (Immunoprecipitation), IHC (Immunohistochemistry)
Perservative Stabilisers	0.02% Sodium Azide
Buffer Solution	Phosphate buffered saline
Antiserum Preparation	Antisera to human IRAK were raised by repeated immunisation of rabbits with highly purified antigen. Purified IgG prepared by ion exchange chromatography.
Target Species	Human
Preparation and Storage	Store at 4 degree C or at -20 degree C if preferred. This product should be stored undiluted. Storage in frost free freezers is not recommended. 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 HeLa cells with Rabbit anti Human IRAK-1 (AAA49944)



Application Data
Western Blot analysis of THP-1 (THP) and HeLa (HL) cell lysates probed with Rabbit anti Human IRAK-1 (AAA49944)

ADDITIONAL INFORMATION

Related Product Information for anti-IRAK1 antibody	Rabbit anti Human IRAK1 antibody recognizes human Interleukin-1 receptor-associated kinase 1 (IRAK1) an 80kD serine/threonine protein kinase designated IRAK containing a single protein kinase domain and a single death domain. IRAK is associated with IL-1 receptor subunits, and mediates a signalling cascade leading to NF-kB activation after IL-1 binding (Burns et al. 2000).Multiple isoforms of IRAK1 generated by alternative splicing have been described. Isoforms 1 and 2 are ubiquitously expressed (Jensen et al. 2001). Rabbit anti Human IRAK1 antibody recognizes isoform 1 but reactivity with other isoforms having partial deletions of the carboxy-terminal region has not been assessed.
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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; IRAK-1; Pelle homolog
UniProt Protein Name	Interleukin-1 receptor-associated kinase 1
UniProt Gene Name	IRAK1
UniProt Synonym Gene Names	IRAK; IRAK-1
UniProt Entry Name	IRAK1_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.

