

Rabbit anti-Human IRAK2 Polyclonal Antibody | anti-IRAK2 antibody

IRAK2 Antibody (C-term)

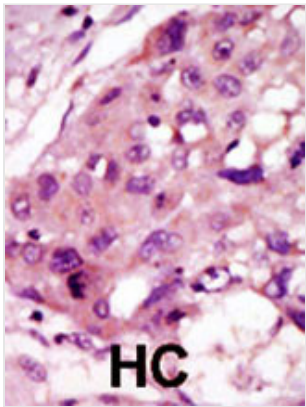
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288081	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

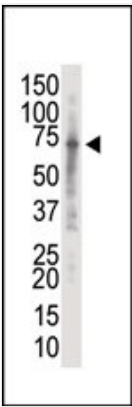
IRAK2; Polyclonal Antibody; IRAK2 Antibody (C-term); Interleukin-1 receptor-associated kinase-like 2; IRAK-2; anti-IRAK2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This IRAK2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 549-581 amino acids from the C-terminal region of human IRAK2.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	549-581
Sequence Length	625
Applicable Applications for anti-IRAK2 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



WB (Western Blot)
Western blot analysis of anti-IRAK2 Pab in K562 cell lysate. IRAK2 (Arrow) was detected using purified Pab. Secondary HRP-anti-rabbit was used for signal visualization with chemiluminescence.

ADDITIONAL INFORMATION

Related Product Information for anti-IRAK2 antibody	Protein kinases are enzymes that transfer a phosphate group from a phosphate donor, generally the g phosphate of ATP, onto an acceptor amino acid in a substrate protein. By this basic mechanism, protein kinases mediate most of the signal transduction in eukaryotic cells, regulating cellular metabolism, transcription, cell cycle progression, cytoskeletal rearrangement and cell movement, apoptosis, and differentiation. With more than 500 gene products, the protein kinase family is one of the largest families of proteins in eukaryotes. The family has been classified in 8 major groups based on sequence comparison of their tyrosine (PTK) or serine/threonine (STK) kinase catalytic domains. The tyrosine-like kinase (TLK) group consists of 40 tyrosine and serine-threonine kinases such as MLK (mixed-lineage kinase), LISK (LIMK/TESK), IRAK (interleukin-1 receptor-associated kinase), Raf, RIPK (receptor-interacting protein kinase), and STRK (activin and TGF-beta receptors) families.
Product Categories/Family for anti-IRAK2 antibody	Immunology; Signal Transduction
References	Muzio, M., et al., Science 278(5343):1612-1615 (1997).

NCBI AND UNIPROT INFORMATION

NCBI GI #	58530886
NCBI GeneID	3656
NCBI Accession #	NP_001561.3
NCBI GenBank Nucleotide #	NM_001570.3
UniProt Accession #	O43187; Q08AG6; Q5K546; B4DQZ6
Molecular Weight	69433
NCBI Official Full Name	interleukin-1 receptor-associated kinase-like 2
NCBI Official Synonym Full Names	interleukin-1 receptor-associated kinase 2
NCBI Official Symbol	IRAK2
NCBI Official Synonym Symbols	IRAK-2
NCBI Protein Information	interleukin-1 receptor-associated kinase-like 2
UniProt Protein Name	Interleukin-1 receptor-associated kinase-like 2

UniProt Gene Name	IRAK2
UniProt Synonym Gene Names	IRAK-2
UniProt Entry Name	IRAK2_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/irak2-antibody-immunohistochemistry-western-blot-elisa/288081>