

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

IRAK2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA325405	Rabbit	Human, Mouse	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

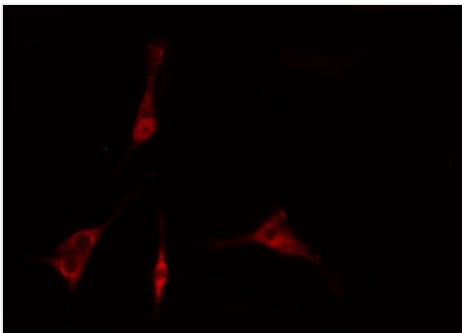
PRODUCT SYNONYMS

IRAK2; Polyclonal Antibody; IRAK2 Antibody; il1rak2; Interleukin 1 receptor associated kinase 2; Interleukin 1 receptor associated kinase like 2; Interleukin-1 receptor-associated kinase-like 2; IRAK 2; IRAK-2; Irak2; IRAK2_HUMAN; MGC150550; anti-IRAK2 antibody

PRODUCT SPECIFICATIONS

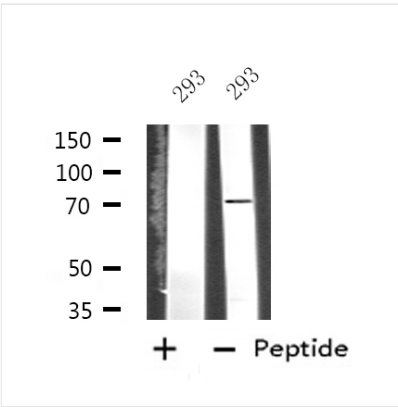
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	IRAK2 antibody detects endogenous levels of total IRAK2
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	625
Applicable Applications for anti-IRAK2 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Tissue Specificity	Expressed in spleen, thymus, prostate, lung, liver, skeletal muscle, kidney, pancreas and peripheral blood leukocytes.
Predicted Cross Reactivity	Horse, Rabbit
Similarity	Horse (91%), Rabbit (90%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



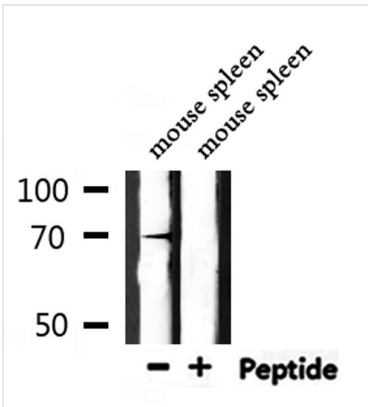
IF (Immunofluorescence)

AAA325405 staining 293 cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from 293 cells, using IRAK2 antibody.



WB (Western Blot)

Western blot analysis of extracts from mouse spleen, using IRAK2 Antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-IRAK2 antibody

Function: Binds to the IL-1 type I receptor following IL-1 engagement, triggering intracellular signaling cascades leading to transcriptional up-regulation and mRNA stabilization.
Subunit Structure: Interacts with MYD88. IL-1 stimulation leads to the formation of a signaling complex which dissociates from the IL-1 receptor following the binding of PELI1.
Similarity: The protein kinase domain is predicted to be catalytically inactive. Belongs to the protein kinase superfamily. TKL Ser/Thr protein kinase family. Pelle subfamily.

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	Observed: 70 kD Predicted: 70 kDa
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

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-immunocytochemistry-immunofluorescence-western-blot-elisa/325405>