

Rabbit IRAK-M Polyclonal Antibody | anti-IRAK3 antibody

IRAK-M Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA39560	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

IRAK-M; Polyclonal Antibody; IRAK-M Antibody; ASRT5; IRAKM; Interleukin-1 receptor-associated kinase 3; IL-1 receptor-associated kinase M; IRAK-3; interleukin-1 receptor-associated kinase 3; anti-IRAK3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	IRAK-M antibody has no cross response to IRAK or IRAK2.
Purity/Purification	IRAK-M Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Sequence Length	2288
Applicable Applications for anti-IRAK3 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	IRAK-M antibody was raised against a peptide corresponding to amino acids from the carboxy terminus of human IRAK-M.
Buffer	IRAK-M Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	IRAK-M antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



IF (Immunofluorescence)

Immunofluorescence of IRAK2 in A20 cells with IRAK2 antibody at 20 μg/mL. Red: IRAK-M Antibody (2355) Blue: DAPI staining



IHC (Immunohistochemistry)

Immunohistochemical staining of rat liver tissue using IRAK-M antibody at 2 μg/mL.

**IF (Immunofluorescence)**

Immunofluorescence of IRAK-M in Rat Liver tissue with IRAK-M antibody at 10 µg/mL.

**IHC (Immunohistochemistry)**

Immunohistochemistry of IRAK-M in human spleen tissue with IRAK-M antibody at 5 µg/mL.

**WB (Western Blot)**

Western blot analysis of IRAK-M in (M) mouse spleen and (R) rat liver tissue lysates with IRAK-M antibody at 1 µg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-IRAK3 antibody

IRAK-M Antibody: Interleukin-1 (IL-1) and lipopolysaccharide (LPS) induces cellular response through IL-1 receptor (IL-1R) and Toll like receptors (TLR). IL-1 receptor-associated kinase (IRAK and IRAK2) mediates the activation of NF-betaB by IL-1/Toll receptors, which is a pivotal transcription factor mediating inflammatory and immune response. A novel member in the IRAK/Pelle family was recently identified and designated IRAK-M. IRAKs associate with IL-1/Toll receptors after IL-1 or LPS stimulation and the dominant negative mutants of IRAKs inhibit IL-1 or LPS induced NF-betaB activation. Members in IRAK/Pelle family play a central role in IL-1R/TLR mediated inflammatory responses to cytokine IL-1 and LPS.

NCBI AND UNIPROT INFORMATION

NCBI GI #	5225377
NCBI GeneID	11213
UniProt Accession #	Q9Y616; B4DQ57
Molecular Weight	68 kDa
NCBI Official Full Name	Homo sapiens IL-1 receptor-associated-kinase-M mRNA, complete cds
NCBI Official Synonym Full Names	interleukin-1 receptor-associated kinase 3
NCBI Official Symbol	IRAK3
NCBI Official Synonym Symbols	ASRT5; IRAKM
NCBI Protein Information	interleukin-1 receptor-associated kinase 3; IRAK3; IL-1 receptor-associated kinase M
UniProt Protein Name	Interleukin-1 receptor-associated kinase 3
UniProt Gene Name	IRAK3
UniProt Synonym Gene Names	IRAK-3; IRAK-M
UniProt Entry Name	IRAK3_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/irak-m-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/39560>