

Rabbit anti-Mouse, Rat IL1 beta Polyclonal Antibody | anti-IL1B antibody

Anti-IL1 beta antibody

CATALOG # AAA45165	HOST Rabbit	REACTIVITY Mouse, Rat	APPLICATIONS Western Blot
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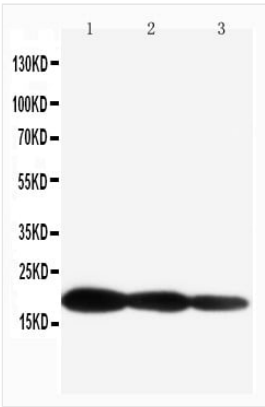
PRODUCT SYNONYMS

IL1 beta; Polyclonal Antibody; Anti-IL1 beta antibody; Interleukin-1 beta(IL-1 beta); interleukin 1; beta; Catabolin antibody; H1 antibody; Hematopoietin 1 antibody; IFN beta inducing factor antibody; IL 1 antibody; IL 1 beta antibody; IL 1B antibody; IL-1 beta antibody; IL1 BETA antibody; IL1B antibody; IL1B_HUMAN antibody; IL1F2 antibody; Interleukin 1 beta antibody; Interleukin 1 beta precursor antibody; Interleukin-1 beta antibody; LAF antibody; OAF antibody; Osteoclast activating factor antibody; OTTHUMP00000162031 antibody; Preinterleukin 1 beta antibody; Preinterleukin beta antibody; Pro interleukin 1 beta antibody; anti-IL1B antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	No cross reactivity with other proteins.
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized; Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na 2HPO4, 0.05mg Thimersol, 0.05mg NaN3
Sequence Length	269
Applicable Applications for anti-IL1B antibody	WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of mouse IL1 beta (250-265aa FLGNNSGQDIIDFTME), different from the related rat sequence by four amino acids.
Reconstitution	0.2ml of distilled water will yield a concentration of 500ug/ml
Preparation and Storage	Store at -20°C for one year. After reconstitution at 4 degree C for one month. It can also be aliquotted and store frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



WB (Western Blot)
Anti-IL-1 beta antibody, AAA45165, Western blotting
Lane 1: Recombinant Mouse IL-1 beta Protein 10ng
Lane 2: Recombinant Mouse IL-1 beta Protein 5ng
Lane 3: Recombinant Mouse IL-1 beta Protein 2.5ng

ADDITIONAL INFORMATION

Related Product Information for anti-IL1B antibody	Description: Rabbit IgG polyclonal antibody for Interleukin-1 beta(IL1B) detection. Tested with WB in Mouse, Rat. Background: Interleukin-1 beta(IL-1beta) also know as catabolin, is a cytokine protein that in humans is encoded by the IL1B gene, which localizes to the long arm of chromosome 2 at position 2q13-2q21 between two fragile sites. Interleukin 1(IL-1) is a protein with several biological activities regulating host defense and immune responses. The human IL-1 family plays an important role in the pathogenesis of many diseases and functions as a key mediator of the host response to various infectious, inflammatory, and immunologic challenges.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	124304
NCBI GeneID	16176
UniProt Accession #	P10749; Q2M4J6
NCBI Official Full Name	Interleukin-1 beta
NCBI Official Synonym Full Names	interleukin 1 beta
NCBI Official Symbol	IL1b
NCBI Official Synonym Symbols	IL-1b; IL-1beta
NCBI Protein Information	interleukin-1 beta; IL-1 beta
UniProt Protein Name	Interleukin-1 beta
UniProt Gene Name	IL1b
UniProt Synonym Gene Names	IL-1 beta
UniProt Entry Name	IL1B_MOUSE

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.