

Rabbit IL-1 beta Polyclonal Antibody | anti-IL1B antibody

Anti-IL-1 beta Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA17834	Rabbit	Human, Mouse, Rat, Monkey	Western Blot, Immunohistochemistry

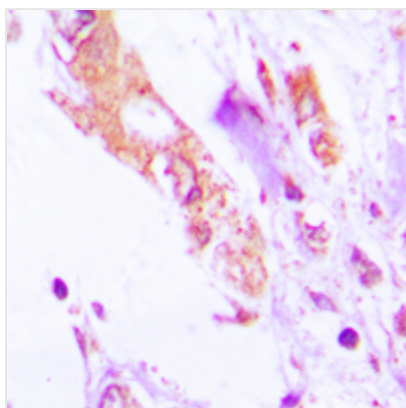
PRODUCT SYNONYMS

IL-1 beta; Polyclonal Antibody; Anti-IL-1 beta Antibody; IL1F2; Interleukin-1 beta; Catabolin; anti-IL1B antibody

PRODUCT SPECIFICATIONS

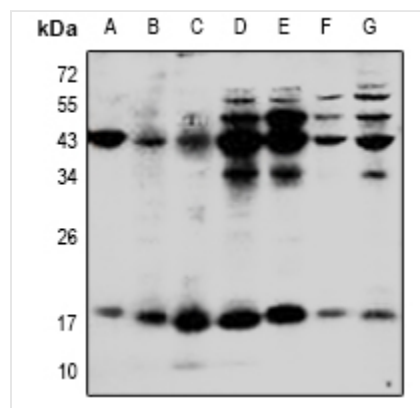
Host	Rabbit
Reactivity	Human, Mouse, Rat, Monkey
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of IL-1 beta protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Applicable Applications for anti-IL1B antibody	WB (Western Blot), IHC (Immunohistochemistry)
Application Notes	WB: (1/500 - 1/1000) IHC: (1/100 - 1/200)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human IL-1 beta. The exact sequence is proprietary.
Preparation and Storage	Upon receipt, aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of IL-1 beta staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of IL-1 beta expression in Raw264.7 (A), mouse spleen (B), rat spleen (C), rat thymus (D), mouse thymus (E), Jurkat (F), THP1 (G) whole cell lysates. (Predicted band size: 30 kD; Observed band size: 43, 35, 17kD)

ADDITIONAL INFORMATION

Related Product Information for anti-IL1B antibody	Rabbit polyclonal antibody to IL-1 beta
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NCBI AND UNIPROT INFORMATION

NCBI GI #	10835145
NCBI GeneID	3553
NCBI Accession #	NP_000567.1
NCBI GenBank Nucleotide #	NM_000576.2
UniProt Accession #	P01584; Q53X59; Q53XX2; Q7M4S7; Q7RU01; Q96HE5; Q9UCT6
NCBI Official Full Name	interleukin-1 beta proprotein
NCBI Official Synonym Full Names	interleukin 1, beta
NCBI Official Symbol	IL1B
NCBI Official Synonym Symbols	IL-1; IL1F2; IL1-BETA
NCBI Protein Information	interleukin-1 beta; IL-1 beta; catabolin; preinterleukin 1 beta; pro-interleukin-1-beta
UniProt Protein Name	Interleukin-1 beta
UniProt Gene Name	IL1B
UniProt Synonym Gene Names	IL1F2; IL-1 beta
UniProt Entry Name	IL1B_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://www.aaabiotech.com/polyclonal/il-1-beta-antibody-western-blot-immunohistochemistry-elisa/17834>