

For Research Use Only

IL-1 beta Polyclonal antibody

Catalog Number: 30234-1-AP

1 Publications



Basic Information

Catalog Number:

30234-1-AP

Concentration:

550 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG30574

GenBank Accession Number:

NM_000576

GeneID (NCBI):

3553

ENSEMBL Gene ID:

ENSG00000125538

UNIPROT ID:

P01584

Full Name:

interleukin 1, beta

Calculated MW:

31 kDa

Observed MW:

31 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

IF

Species Specificity:

Human

Cited Species:

mouse, rat

Positive Controls:

WB : THP-1 cells, U-87 MG cells

Background Information

Interleukin-1, produced mainly by blood monocytes, mediates the panoply of host reactions collectively known as acute phase response. It is identical to endogenous pyrogen. The multiple biologic activities that define IL1 are properties of a 15- to 18-kD protein that is derived from a 30- to 35-kD precursor. Interleukin 1 β (IL-1 β) is a member of the interleukin 1 cytokine family. It is a pro-inflammatory cytokine against infection, playing an important role in the pathogenesis of cancers. It signals through various adaptor proteins and kinases that lead to activation of numerous downstream targets

Notable Publications

Author	Pubmed ID	Journal	Application
Bo Ke	39473751	Turk J Med Sci	IF

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

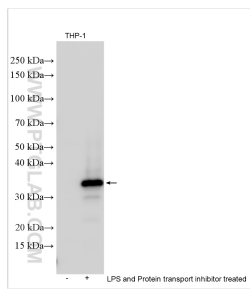
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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Selected Validation Data



Untreated, LPS and Protein transport inhibitor treated THP-1 cells were subjected to SDS PAGE followed by western blot with 30234-1-AP (IL1B antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.