

Product datasheet

Anti-IL-1 alpha antibody ab92396

1 Image

Overview

Product name	Anti-IL-1 alpha antibody
Description	Rabbit polyclonal to IL-1 alpha
Host species	Rabbit
Tested applications	Suitable for: WB, ELISA
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide corresponding to Human IL-1 alpha (internal sequence) conjugated to keyhole limpet haemocyanin.
Positive control	Transiently transfected 293 cell lysates

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	Preservative: 0.09% Sodium azide Constituent: PBS
Purity	Immunogen affinity purified
Purification notes	Purified through a protein A column, followed by peptide affinity purification.
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab92396** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		
ELISA		

Application notes ELISA: 1/1000.

WB: 1/100 - 1/500. Predicted molecular weight: 31 kDa.

Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

Target

Function

Produced by activated macrophages, IL-1 stimulates thymocyte proliferation by inducing IL-2 release, B-cell maturation and proliferation, and fibroblast growth factor activity. IL-1 proteins are involved in the inflammatory response, being identified as endogenous pyrogens, and are reported to stimulate the release of prostaglandin and collagenase from synovial cells.

Sequence similarities

Belongs to the IL-1 family.

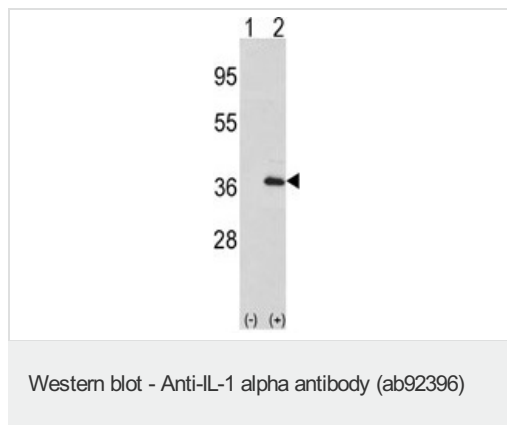
Domain

The similarity among the IL-1 precursors suggests that the amino ends of these proteins serve some as yet undefined function.

Cellular localization

Secreted. The lack of a specific hydrophobic segment in the precursor sequence suggests that IL-1 is released by damaged cells or is secreted by a mechanism differing from that used for other secretory proteins.

Images



All lanes : Anti-IL-1 alpha antibody (ab92396) at 1/100 dilution

Lane 1 : Non-transfected 293 cell lysate

Lane 2 : IL-1 alpha transfected 293 cell lysate

Lysates/proteins at 2 µg per lane.

Predicted band size: 31 kDa

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