

## IL-1 Alpha Polyclonal Antibody

### Description

Product type	Primary Antibody
Code	BT-AP04468
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human IL-1alpha. AA range:8-57
Mol wt	30607
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	IHC-p, ELISA
Concentration	1 mg/ml
Full name	IL-1alpha Antibody
Synonyms	IL1A; IL1F1; Interleukin-1 alpha; IL-1 alpha; Hematopoietin-1

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### Background

The protein encoded by IL1A is a member of the interleukin 1 cytokine family. This cytokine is a pleiotropic cytokine involved in various immune responses, inflammatory processes, and hematopoiesis. This cytokine is produced by monocytes and macrophages as a proprotein, which is proteolytically processed and released in response to cell injury, and thus induces apoptosis. This gene and eight other interleukin 1 family genes form a cytokine gene cluster on chromosome 2. It has been suggested that the polymorphism of these genes is associated with rheumatoid arthritis and Alzheimer's disease.

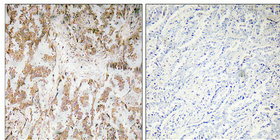
### Recommended Dilution

IHC: 1: 100 - 1: 300

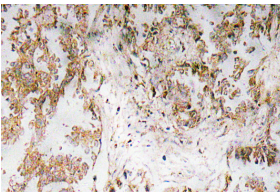
ELISA: 1: 10000

Not yet tested in other applications.

### Images



Immunohistochemical analysis of paraffin-embedded Human lung cancer. Antibody was diluted at 1:100(4° overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negative contrl (right) obtained from antibody was pre-absorbed by immunogen peptide.



Immunohistochemistry analysis of IL-1 $\alpha$  antibody in paraffin-embedded human lung carcinoma tissue.

### Storage

-20°C for one year

