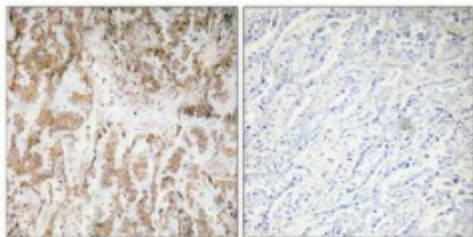


## Anti-IL- alpha antibody



<b>Description</b>	Rabbit polyclonal to IL-1alpha.
<b>Model</b>	STJ93686
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human, Mouse, Rat
<b>Applications</b>	ELISA, IHC
<b>Immunogen</b>	Synthesized peptide derived from human IL-1alpha.
<b>Immunogen Region</b>	N-terminal
<b>Gene ID</b>	<a href="#">3552</a>
<b>Gene Symbol</b>	<a href="#">IL1A</a>
<b>Dilution range</b>	IHC 1:100-1:300ELISA 1:10000
<b>Specificity</b>	IL-1alpha Polyclonal Antibody detects endogenous levels of IL-1alpha protein.
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Note</b>	For Research Use Only (RUO).
<b>Protein Name</b>	Interleukin-1 alpha IL-1 alpha Hematopoietin-1
<b>Molecular Weight</b>	30.607 kDa
<b>Clonality</b>	Polyclonal
<b>Conjugation</b>	Unconjugated

<b>Isotype</b>	IgG
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Concentration</b>	1 mg/ml
<b>Storage Instruction</b>	Store at -20°C, and avoid repeat freeze-thaw cycles.
<b>Database Links</b>	<a href="#">HGNC:5991OMIM:147760</a>
<b>Alternative Names</b>	Interleukin-1 alpha IL-1 alpha Hematopoietin-1
<b>Function</b>	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.
<b>Sequence and Domain Family</b>	The similarity among the IL-1 precursors suggests that the amino ends of these proteins serve some as yet undefined function.
<b>Cellular Localization</b>	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.

---

**St John's Laboratory Ltd**

**F** +44 (0)207 681 2580

**T** +44 (0)208 223 3081

**W** <http://www.stjohnslabs.com/>

**E** [info@stjohnslabs.com](mailto:info@stjohnslabs.com)