



# Anti-IL1A polyclonal antibody (CPBT-65377GR)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	Goat anti Rat Interleukin-1 alpha antibody recognizes rat interleukin-1 alpha. Rat IL-1 alpha is a 17.7kD cytokine, which is produced by macrophages. IL-1 alpha is chemotactic for leucocytes and also contributes to the inflammatory response by its interactions with several other cell types.
<b>Specificity</b>	IL1A
<b>Immunogen</b>	Recombinant rat IL-1 alpha
<b>Isotype</b>	IgG
<b>Source/Host</b>	Goat
<b>Species Reactivity</b>	Rat
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA; FA; WB
<b>Format</b>	Purified IgG - lyophilised
<b>Size</b>	100 µg
<b>Preservative</b>	None
<b>Storage</b>	in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. The addition of 0.09% sodium azide is recommended for long term storage. N.B. For functional studies do not add sodium azide.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">Il1a interleukin 1 alpha [ Rattus norvegicus (Norway rat) ]</a>
<b>Official Symbol</b>	IL1A
<b>Synonyms</b>	IL1A; interleukin 1 alpha; IL-1 alpha; interleukin-1 alpha;
<b>Entrez Gene ID</b>	<a href="#">24493</a>
<b>Protein Refseq</b>	<a href="#">NP_058715</a>
<b>UniProt ID</b>	P16598
<b>Chromosome Location</b>	3q36
<b>Pathway</b>	Apoptosis; Cytokine Signaling in Immune system; Cytokine-cytokine receptor interaction; Cytokines and Inflammatory Response (BioCarta); FAS pathway and Stress induction of HSP regulation; Graft-versus-host disease; Hematopoietic cell lineage; Hypertrophy Model;
<b>Function</b>	copper ion binding; cytokine activity; interleukin-1 receptor binding;