



Anti-IL1A polyclonal antibody (CPBT-65376GR)

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

PRODUCT INFORMATION

Product Overview	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.
Specificity	IL1A
Immunogen	Recombinant rat IL-1 alpha.
Isotype	IgG
Source/Host	Goat
Species Reactivity	Rat
Conjugate	Biotin
Applications	ELISA; WB
Format	Purified IgG conjugated to Biotin - lyophilised
Size	50 µg
Preservative	None
Storage	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.

GENE INFORMATION

Gene Name	Il1a interleukin 1 alpha [Rattus norvegicus (Norway rat)]
Official Symbol	IL1A
Synonyms	IL1A; interleukin 1 alpha; IL-1 alpha; interleukin-1 alpha;
Entrez Gene ID	24493
Protein Refseq	NP_058715
UniProt ID	P16598
Chromosome Location	3q36
Pathway	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;
Function	copper ion binding; cytokine activity; interleukin-1 receptor binding;