



Anti-IL1B polyclonal antibody (CPBT-67035RB)

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

PRODUCT INFORMATION

Product Overview	Rabbit anti Bovine Interleukin-1 beta antibody recognizes bovine interleukin-1 beta (IL-1 beta). IL-1 beta is principally expressed by macrophages, and plays an important immunomodulatory role in the bovine immune response. Rabbit anti Bovine Interleukin-1 beta antibody recognizes both native and recombinant bovine IL-1 beta. No detectable cross-reactivity was observed with human, mouse or rat IL-1 beta. ELISA This antibody may be used in an indirect ELISA or as a capture antibody in a sandwich ELISA system.
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Specificity	IL1B
Immunogen	Recombinant bovine IL-1 beta.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Bovine
Conjugate	Unconjugated
Applications	ELISA
Format	Purified IgG - liquid
Size	500 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.

GENE INFORMATION

Gene Name	IL1B interleukin 1, beta [Bos taurus (cattle)]
Official Symbol	IL1B
Synonyms	IL1B; interleukin-1 beta; IL-1 beta;
Entrez Gene ID	281251
Protein Refseq	NP_776518
UniProt ID	P09428
Chromosome Location	11q23-q24
Pathway	African trypanosomiasis; Alzheimers disease; Amoebiasis; Apoptosis; Chagas disease (American trypanosomiasis); Cytokine Signaling in Immune system; Cytokine-cytokine receptor interaction; Cytokines and Inflammatory Response (BioCarta);
Function	cytokine activity; interleukin-1 receptor binding; protein domain specific binding;