



Anti-IL1B polyclonal antibody (CPBT-65378RB)

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 anti interleukin-1 β :biotin conjugate may be used in a direct ELISA or as the detection reagent in a sandwich ELISA with recombinant IL-1 β as the standard and either anti IL-1 β :azidefree or anti IL-1 β :purified as the capture reagents.

Specificity	IL1B
Immunogen	Recombinant bovine IL-1 beta.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Bovine
Conjugate	Biotin
Applications	ELISA
Format	Purified IgG conjugated to Biotin - liquid
Size	250 μ g
Preservative	See individual product datasheet
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;