



Anti-DEFENSIN ALPHA 1 polyclonal antibody (CPBT-65330GH)

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

PRODUCT INFORMATION

Product Overview

Goat anti Human Defensin- α -1 recognizes defensin alpha 1, otherwise known as HNP-1, a secreted cationic antimicrobial peptide and member of the alpha-defensin family, which plays an important role in the innate immune response against microbial infections. ELISA This purified goat anti human defensin- α -1 antibody may be used in an indirect ELISA or as the capture reagent in a sandwich ELISA with a biotinylated anti human defensin- α -1 antibody (B) as the detection reagent and recombinant human defensin- α -1 (PHP208) as the standard. Western Blotting This purified goat anti human defensin- α -1 antibody may be used in Western Blotting applications under either reducing or non-reducing conditions with recombinant human defensin- α -1 (PHP208) as the positive control.

Specificity	DEFENSIN ALPHA 1
Isotype	IgG
Source/Host	Goat
Species Reactivity	Human
Conjugate	Unconjugated
Applications	ELISA; FA; WB
Format	Purified IgG - lyophilised
Size	100 μ g
Preservative	None
Storage	in frost-free freezers is not recommended. This product should be stored undiluted. 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	DEFA1 defensin, alpha 1 [Homo sapiens (human)]
Official Symbol	DEFA1
Synonyms	DEFA1; defensin, alpha 1; HP1; MRS; DEF1; HP-1; DEFA2; HNP-1; neutrophil defensin 1; defensin, alpha 2; myeloid-related sequence; defensin, alpha 1, myeloid-related sequence; DEFENSIN ALPHA 1;
Entrez Gene ID	1667
Protein Refseq	NP_004075
UniProt ID	P59665
Chromosome Location	8p23.1
Pathway	Alpha-defensins; Cellular roles of Anthrax toxin; Defensins; Immune System; Innate Immune System;
