



# 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- $\alpha$ -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- $\alpha$ -1 antibody may be used in an indirect ELISA or as the capture reagent in a sandwich ELISA with a biotinylated anti human defensin- $\alpha$ -1 antibody (B) as the detection reagent and recombinant human defensin- $\alpha$ -1 (PHP208) as the standard. Western Blotting This purified goat anti human defensin- $\alpha$ -1 antibody may be used in Western Blotting applications under either reducing or non-reducing conditions with recombinant human defensin- $\alpha$ -1 (PHP208) as the positive control.

<b>Specificity</b>	DEFENSIN ALPHA 1
<b>Isotype</b>	IgG
<b>Source/Host</b>	Goat
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA; FA; WB
<b>Format</b>	Purified IgG - lyophilised
<b>Size</b>	100 $\mu$ g
<b>Preservative</b>	None
<b>Storage</b>	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.

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## GENE INFORMATION

Gene Name	<a href="#">DEFA1 defensin, alpha 1 [ Homo sapiens (human) ]</a>
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	<a href="#">1667</a>
Protein Refseq	<a href="#">NP_004075</a>
UniProt ID	P59665
Chromosome Location	8p23.1
Pathway	Alpha-defensins; Cellular roles of Anthrax toxin; Defensins; Immune System; Innate Immune System;

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