



Defensin α 4 Polyclonal Antibody

Cat #: ABP53991

Size: 30 μ l /100 μ l /200 μ l

Product Information

	Product Name: Defensin α 4 Polyclonal Antibody		
	Applications: IHC-P, ELISA		Isotype: Rabbit IgG
	Reactivity: Human		
REF	Catalog Number: ABP53991	LOT	Lot Number: Refer to product label
	Formulation: Liquid		Concentration: 1 mg/ml
	Storage: Store at -20°C. Avoid repeated freeze / thaw cycles.		Note: Contain sodium azide.

Background: Defensins are a family of antimicrobial and cytotoxic peptides thought to be involved in host defense. They are abundant in the granules of neutrophils and also found in the epithelia of mucosal surfaces such as those of the intestine, respiratory tract, urinary tract, and vagina. Members of the defensin family are highly similar in protein sequence and distinguished by a conserved cysteine motif. Several alpha defensin genes are clustered on chromosome 8. DEFA4 differs from other genes of this family by an extra 83-base segment that is apparently the result of a recent duplication within the coding region. Neutrophil defensin 4 encoded by DEFA4, defensin, alpha 4, is found in the neutrophils; it exhibits corticostatic activity and inhibits corticotropin stimulated corticosterone production.

Application Notes: Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: IHC-P (1:100-1:300), ELISA (1:40000). Not yet tested in other applications.

Storage Buffer: PBS containing 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.

Storage Instructions: Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.

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