

Defensin α 4 Rabbit pAb

CatalogNo: YT1324

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- IHC, IF, ELISA

MW

- 11kD (Calculated)

Isotype

- IgG

Recommended Dilution Ratios

IHC 1:100-1:300

ELISA 1:40000

IF 1:50-200

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality Polyclonal

Immunogen Information

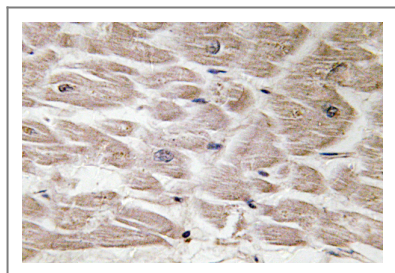
Immunogen The antiserum was produced against synthesized peptide derived from human Defensin α 4. AA range: 27-76

Specificity Defensin α 4 Polyclonal Antibody detects endogenous levels of Defensin α 4 protein.

Target Information

Gene name	DEFA4		
Protein Name	Neutrophil defensin 4		
	Organism	Gene ID	UniProt ID
	Human	1669 ;	P12838 ;
Cellular Localization	Secreted . Cytoplasmic vesicle, secretory vesicle . Stored as mature peptide in neutrophil granules. .		
Tissue specificity	Expressed in neutrophils (at protein level) (PubMed:2843187, PubMed:2500436, PubMed:2501794). Expressed in bone marrow (PubMed:8469233).		
Function	Function:Has antimicrobial activity against Gram-negative bacteria, and to a lesser extent also against Gram-positive bacteria and fungi. Protects blood cells against infection with HIV-1 (in vitro). Inhibits corticotropin (ACTH)-stimulated corticosterone production.,similarity:Belongs to the alpha-defensin family.,subunit:Homodimer.,		

Validation Data



Immunohistochemistry analysis of Defensin α4 antibody in paraffin-embedded human heart tissue.

Contact information

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Please scan the QR code
 to access additional
 product information:
**Defensin α4 Rabbit
 pAb**

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