

Datasheet for ABIN6261265

anti-DEFA4 antibody

2 Images

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Overview

Quantity:	100 µL
Target:	DEFA4
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DEFA4 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), ELISA, Western Blotting (WB)

Product Details

Immunogen:	A synthesized peptide derived from human Defensin alpha4
Isotype:	IgG
Specificity:	Defensin alpha4 Antibody detects endogenous levels of total Defensin alpha4
Cross-Reactivity:	Human, Mouse (Murine), Rat (Rattus)
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Target Details

Target:	DEFA4
Alternative Name:	Defensin alpha4 (DEFA4 Products)
Background:	Description: Has antimicrobial activity against Gram-negative bacteria, and to a lesser extent

Target Details

also against Gram-positive bacteria and fungi. Protects blood cells against infection with HIV-1 (in vitro). Inhibits corticotropin (ACTH)-stimulated corticosterone production.

Gene: DEFA4

Molecular Weight: 10 kDa

Gene ID: 1669

UniProt: [P12838](#)

Application Details

Application Notes: WB 1:1000-3000 IHC 1:200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.

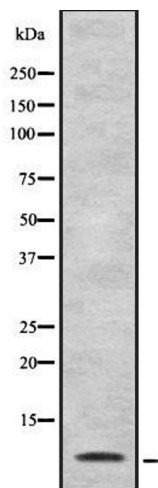
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

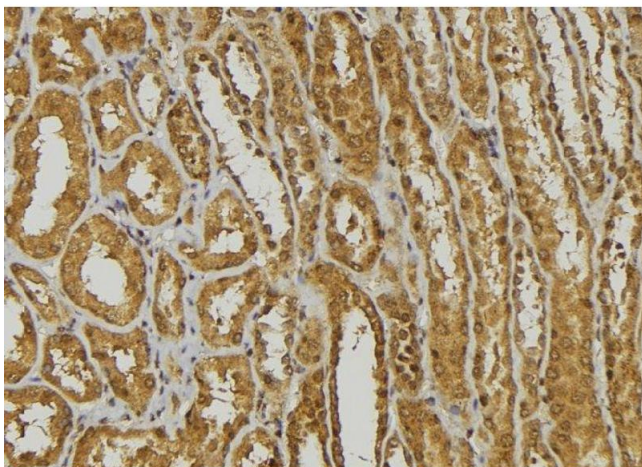
Storage Comment: Store at -20 °C.Stable for 12 months from date of receipt

Expiry Date: 12 months



Western Blotting

Image 1. Western blot analysis of Defensin alpha4 using HuvEc whole cell lysates



Immunohistochemistry

Image 2. ABIN6278446 at 1/100 staining Mouse kidney tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary