

Datasheet for ABIN6261263  
**anti-alpha Defensin 1 antibody**

## 2 Images

[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	alpha Defensin 1 (DEFA1)
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This alpha Defensin 1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

## Product Details

Immunogen:	A synthesized peptide derived from human Defensin alpha1
Isotype:	IgG
Specificity:	Defensin alpha1 Antibody detects endogenous levels of total Defensin alpha1
Cross-Reactivity:	Human, Mouse (Murine)
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

## Target Details

Target:	alpha Defensin 1 (DEFA1)
Alternative Name:	Defensin alpha1 ( <a href="#">DEFA1 Products</a> )
Background:	Description: Defensin 1 and defensin 2 have antibacterial, fungicide and antiviral activities. Has

## Target Details

antimicrobial activity against Gram-negative and Gram-positive bacteria. Defensins are thought to kill microbes by permeabilizing their plasma membrane.

Gene: DEFA1, DEFA1B

Molecular Weight: 10 kDa

Gene ID: 1, 667, 728

UniProt: [P59665](#)

Pathways: [Cellular Response to Molecule of Bacterial Origin](#)

## 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.

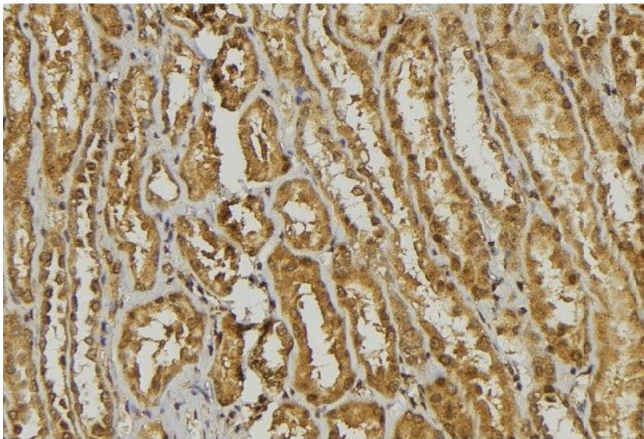
Preservative: Sodium azide

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

Storage: -20 °C

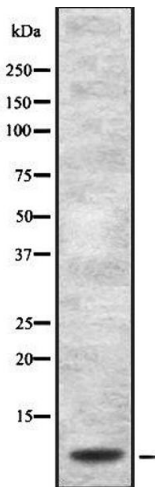
Storage Comment: Store at -20 °C.Stable for 12 months from date of receipt

Expiry Date: 12 months



Immunohistochemistry

**Image 1.** ABIN6278444 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



Western Blotting

**Image 2.** Western blot analysis of Defensin alpha1 using Jurkat whole cell lysates