

Datasheet for ABIN7433975  
**anti-alpha Defensin 1 antibody (AA 20-94)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µL
Target:	alpha Defensin 1 (DEFA1)
Binding Specificity:	AA 20-94
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This alpha Defensin 1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunohistochemistry (Frozen Sections) (IHC (fro))

## Product Details

Purpose:	Polyclonal Antibody to Defensin Alpha 1, Neutrophil (DEFA1)
Immunogen:	Recombinant Defensin Alpha 1, Neutrophil (DEFA1) corresponding to Glu20~Cys94 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against DEFA1. It has been selected for its ability to recognize DEFA1 in immunohistochemical staining and western blotting.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

## Target Details

Target:	alpha Defensin 1 (DEFA1)
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## Target Details

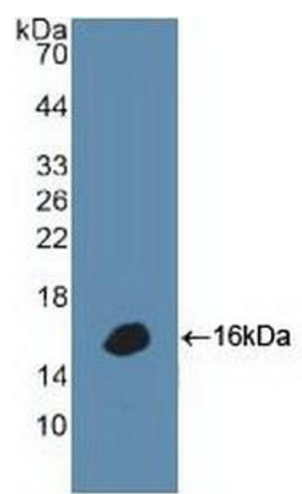
Alternative Name:	Defensin Alpha 1, Neutrophil ( <a href="#">DEFA1 Products</a> )
Background:	DEF1, DEFA2, HNP-1, HP-1, MRS, DEF3, HNP-3, HNP3, HP-3, Defensin, Alpha 1, Myeloid-Related Sequence
Pathways:	<a href="#">Cellular Response to Molecule of Bacterial Origin</a>

## Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

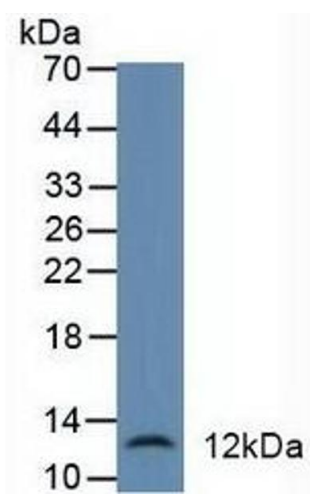
## Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 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:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



Western Blotting

**Image 1.** Detection of Recombinant DEFA1, Human using Polyclonal Antibody to Defensin Alpha 1, Neutrophil (DEFA1)



Western Blotting

**Image 2.** Detection of DEFA1 in Human Liver Tissue using Polyclonal Antibody to Defensin Alpha 1, Neutrophil (DEFA1)