

Datasheet for ABIN6139524
anti-DEFa3 antibody (AA 20-94)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	DEFa3
Binding Specificity:	AA 20-94
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DEFa3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 20-94 of human DEFA3 (NP_005208.1).
Sequence:	EPLQARADEV AAAPeqIAAD IPEVVVSLAW DESLAPKHPG SRKNMDCYCR IPACIAGERR YGTCIYQGRL WAFCC
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

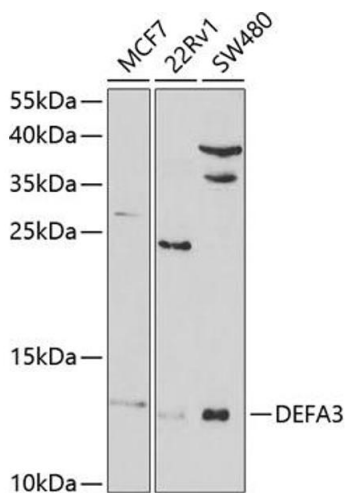
Target:	DEFa3
Alternative Name:	DEFA3 (DEFa3 Products)
Background:	<p>Defensins are a family of antimicrobial and cytotoxic peptides thought to be involved in host defense. They are abundant in the granules of neutrophils and also found in the epithelia of mucosal surfaces such as those of the intestine, respiratory tract, urinary tract, and vagina. Members of the defensin family are highly similar in protein sequence and distinguished by a conserved cysteine motif. The protein encoded by this gene, defensin, alpha 3, is found in the microbicidal granules of neutrophils and likely plays a role in phagocyte-mediated host defense. Several alpha defensin genes are clustered on chromosome 8. This gene differs from defensin, alpha 1 by only one amino acid. This gene and the gene encoding defensin, alpha 1 are both subject to copy number variation.,DEFA3,DEF3,HNP-3,HNP3,HP-3,HP3,DEFA3</p>
Molecular Weight:	10 kDa
Gene ID:	1668
UniProt:	P59666
Pathways:	Cellular Response to Molecule of Bacterial Origin

Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
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. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using DEF antibody (ABIN6131989, ABIN6139524, ABIN6139525 and ABIN6220973) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST.