antibodies - online.com







anti-alpha Defensin 1 antibody (Internal Region)



Image



Overview	

Quantity:	100 μg
Target:	alpha Defensin 1 (DEFA1)
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This alpha Defensin 1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

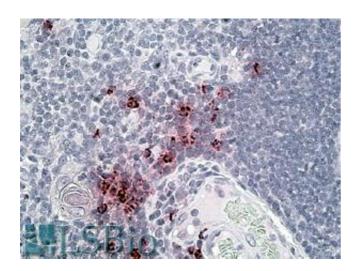
Purpose:	DEFA1/3 precursor
Immunogen:	Peptide with sequence C-DESLAPKHPGSRKN, from the internal region of the protein sequence according to NP_004075.1, NP_005208.1.
Sequence:	DESLAPKHPG SRKN
Isotype:	IgG
Specificity:	This antibody is expected to equally recognize DEFA1 precursor and DEFA3 precursor.
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

rarget Details	
Target:	alpha Defensin 1 (DEFA1)
Alternative Name:	DEFA1 (DEFA1 Products)
Background:	DEFA1, defensin, alpha 1, myeloid-related sequence, HGNC:2761, DEF1, DEFA2, HNP-1, HP-1, MRS, defensin, alpha 1, defensin, alpha 2, myeloid-related sequence, DEFA3, defensin, alpha 3 neutrophil-specific, DEF3, HNP-3, HNP-3, HP-3, defensin 3, neutrophil-
Molecular Weight:	10.2kDa
Gene ID:	1667, 1668
NCBI Accession:	NP_004075, NP_005208
Pathways:	Cellular Response to Molecule of Bacterial Origin
Application Details	
Application Notes:	Immunohistochemistry: Paraffin embedded Human Thymus. Recommended concentration: 3-6 μg/mL. Western Blot: Approx 10 kDa band observed in Human Spleen lysates (calculated MW of 10.2 kDa according to NP_004075.1). An additional band of unknown identity was also consistently observed at 20 kDa, and was successfully blocked by incubation with the imm Peptide ELISA: antibody detection limit dilution 1:128000.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated

at 4°C for a few weeks and still remain viable.

Images



Immunohistochemistry

Image 1. ABIN571084 (3.8 μ g/ml) staining of paraffin embedded Human Thymus. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.