

Product Datasheet

alpha-Defensin 1 Antibody

NBP2-27562

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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Publications: 1

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NBP2-27562

alpha-Defensin 1 Antibody

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Description	Novus Biologicals Goat alpha-Defensin 1 Antibody (NBP2-27562) is a polyclonal antibody validated for use in IHC, WB and ELISA. Anti-alpha-Defensin 1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	1667
Gene Symbol	DEFA1
Species	Human
Specificity/Sensitivity	This antibody is expected to equally recognize DEFA1 precursor and DEFA3 precursor.
Immunogen	Peptide with sequence C-DESLAPKHPGSRKN corresponding to internal region according to NP_004075.1, NP_005208.1.

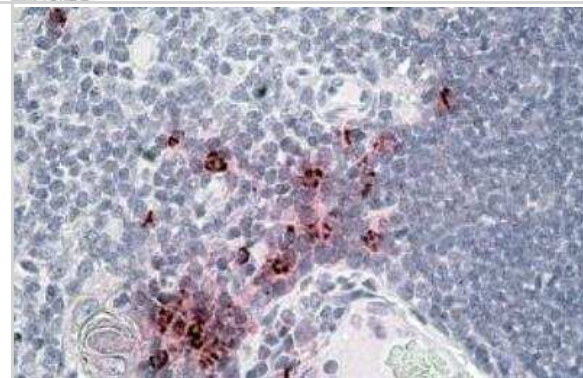
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Peptide ELISA
Recommended Dilutions	Western Blot 1 - 3 ug/ml, Immunohistochemistry 4 - 6 ug/ml, Immunohistochemistry-Paraffin 4 - 6 ug/ml, Peptide ELISA Detection limit 1:128000
Application Notes	WB: Approx. 10 kDa band observed in human spleen lysates (calculated MW of 10.2 kDa band according to NP_004075.1). An additional band of unknown identity was also consistently observed at 20 kDa. This band was successfully blocked by incubation with the immunizing peptide. IHC-P: Thymus shows staining of selected cells.

Images

Western Blot: alpha-Defensin 1 Antibody [NBP2-27562] - Analysis of Human Spleen lysate (35ug protein in RIPA buffer) using NBP2-27562 at 2ug/ml. Primary incubation was 1 hour. Detected by chemiluminescence.

250kDa
150kDa
100kDa
75kDa
50kDa
37kDa
25kDa
20kDa
15kDa
10kDa

Immunohistochemistry-Paraffin: alpha-Defensin 1 Antibody [NBP2-27562] - (3.8 ug/ml) Staining of Human Thymus. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Publications

Chang TL, Vargas J Jr, DelPortillo A, Klotman ME. Dual role of alpha-defensin-1 in anti-HIV-1 innate immunity. *J Clin Invest* 2005-03-01 [PMID: 15719067]



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Products Related to NBP2-27562

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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