

Product Datasheet

Aminopeptidase P1/XPNPEP1 Antibody NBP1-51954

Unit Size: 0.1 mg

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

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Updated 9/9/2025 v.20.1

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NBP1-51954**Aminopeptidase P1/XPNPEP1 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 Aminopeptidase P1/XPNPEP1 Antibody (NBP1-51954) is a polyclonal antibody validated for use in IHC, WB and ELISA. Anti-Aminopeptidase P1/XPNPEP1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	7511
Gene Symbol	XPNPEP1
Species	Human, Mouse, Rat, Porcine
Specificity/Sensitivity	This antibody is expected to recognize isoform 1 and 2 (NP_065116.2; NP_001161076.1).
Immunogen	Peptide with sequence C-LIRETQPISKQH corresponding to C-Terminus according to NP_001161076.1.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Peptide ELISA
Recommended Dilutions	Western Blot 0.1 - 0.3 ug/ml, Immunohistochemistry 5 ug/ml, Immunohistochemistry-Paraffin 5 ug/ml, Peptide ELISA Detection limit 1:32000
Application Notes	WB: Approx. 80 kDa band observed in human heart, skeletal muscle and pancreas lysates and 75 kDa band observed in mouse and rat small intestines (calculated MW of 69.9 kDa band according to NP_065116.2). Primary incubation was 1 hour. IHC: Paraffin embedded Human Pancreas.

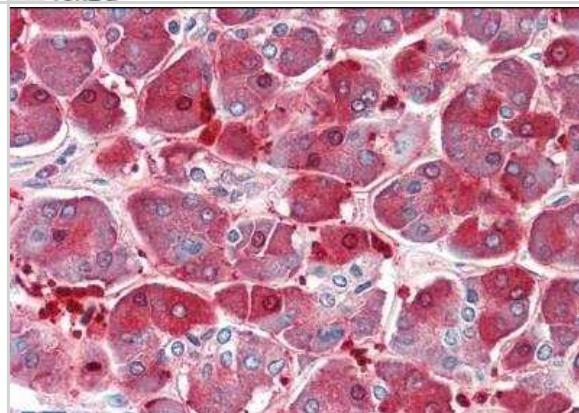


Images

Western Blot: Aminopeptidase P1/XPNPEP1 Antibody [NBP1-51954] - (0.3ug/ml) staining of Human Pancreas lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

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

Immunohistochemistry-Paraffin: Aminopeptidase P1/XPNPEP1 Antibody [NBP1-51954] - (5ug/ml) staining of paraffin embedded Human Pancreas. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Western Blot: Aminopeptidase P1/XPNPEP1 Antibody [NBP1-51954] - Analysis of Mouse (A) and Rat (B) Small Intestine lysates (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

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

A B

Western Blot: Aminopeptidase P1/XPNPEP1 Antibody [NBP1-51954] - Staining of Pig Pancreas lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

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

Publications

Gevaert K, Goethals M, Martens L et al. Exploring proteomes and analyzing protein processing by mass spectrometric identification of sorted N-terminal peptides. Nat Biotechnol 2003-05-01 [PMID: 12665801]



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Products Related to NBP1-51954

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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