

Product Datasheet

Aminopeptidase P1/XPNPEP1 Antibody - BSA Free NBP1-80613

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Publications: 1

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NBP1-80613**Aminopeptidase P1/XPNPEP1 Antibody - BSA Free**

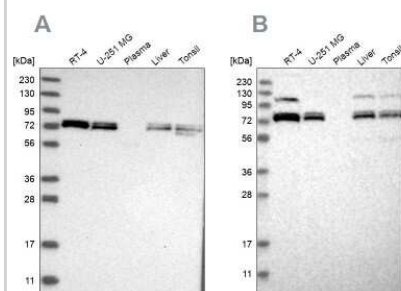
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol
Target Molecular Weight	70 kDa

Product Description	
Description	Novus Biologicals Rabbit Aminopeptidase P1/XPNPEP1 Antibody - BSA Free (NBP1-80613) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-Aminopeptidase P1/XPNPEP1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	7511
Gene Symbol	XPNPEP1
Species	Human, Mouse, Rat
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: DGAFGIRIENVVLVVPVKTKYNFNRRGSLTFEPLTLVPIQTKMIDVDSLTDKECD WLNNYHLTCRDVIGKELQKQGRQEALWLIRETQPISKQH

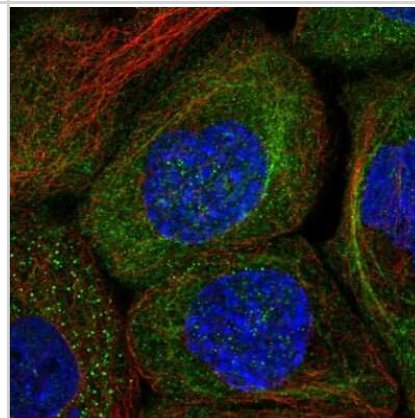
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use PFA/Triton X-100.

Images

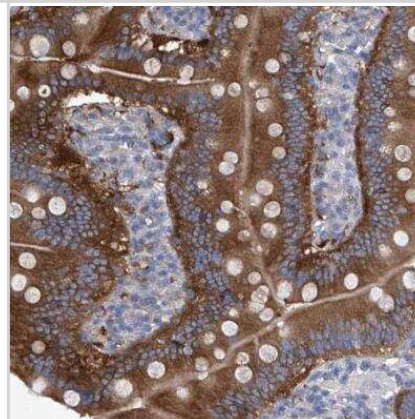
Western Blot: Aminopeptidase P1/XPNPEP1 Antibody [NBP1-80613] - Analysis using Anti-XPNPEP1 antibody NBP1-80613 (A) shows similar pattern to independent antibody NBP1-80614 (B).



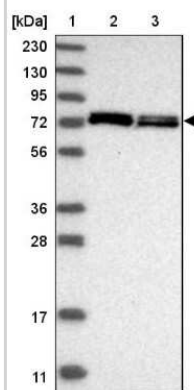
Immunocytochemistry/Immunofluorescence: Aminopeptidase P1/XPNPEP1 Antibody [NBP1-80613] - Immunofluorescent staining of human cell line A-431 shows localization to cytosol.



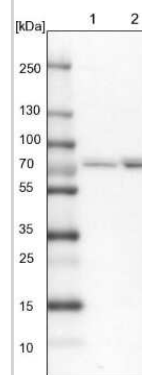
Immunohistochemistry-Paraffin: Aminopeptidase P1/XPNPEP1 Antibody [NBP1-80613] - Staining of human duodenum shows cytoplasmic positivity in glandular cells.



Western Blot: Aminopeptidase P1/XPNPEP1 Antibody [NBP1-80613] - Lane 1: Marker [kDa] 230, 130, 95, 72, 56, 36, 28, 17, 11. Lane 2: Human cell line RT-4. Lane 3: Human cell line U-251MG sp



Western Blot: Aminopeptidase P1/XPNPEP1 Antibody [NBP1-80613] -
Lane 1: NIH-3T3 cell lysate (Mouse embryonic fibroblast cells). Lane 2:
NBT-II cell lysate (Rat Wistar bladder tumor cells).



Publications

Lin C, Yang Q, Guo D et al. Impaired mitochondrial oxidative metabolism in skeletal progenitor cells leads to musculoskeletal disintegration Nature communications 2022-11-11 [PMID: 36369293] (WB, Mouse)



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Products Related to NBP1-80613

NBP1-80613PEP	Aminopeptidase P1/XPNPEP1 Recombinant Protein Antigen
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit 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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