

Product Datasheet

PEX1 Antibody - BSA Free NBP1-80577

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: 3

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Updated 12/2/2025 v.20.1

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NBP1-80577

PEX1 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

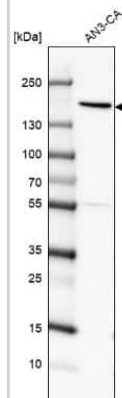
Product Description	
Description	Novus Biologicals Rabbit PEX1 Antibody - BSA Free (NBP1-80577) is a polyclonal antibody validated for use in WB and ICC/IF. Anti-PEX1 Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	5189
Gene Symbol	PEX1
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (83%), Rat (82%)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: SAPSSMTQDLPGVPGKDQLFSQPPVLRRTASQEGCQELTQEQRDQLRADISIIK GRYRSQSGEDES MNQPGPIKTRLAISQSHLMTALGHTRPSISEDWKNFAELY ESFQNPKRKRNQSGTMFRPG

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 0.04 - 0.4 ug/ml, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml
Application Notes	ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

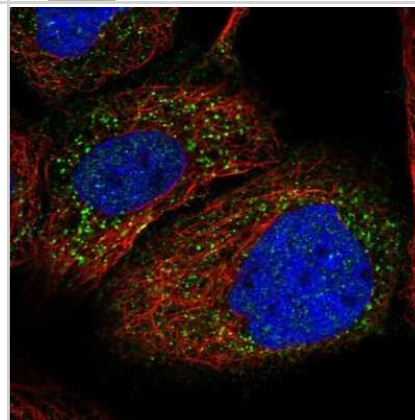


Images

Western Blot: PEX1 Antibody [NBP1-80577] - Analysis in human cell line AN3-CA.



Immunocytochemistry/Immunofluorescence: PEX1 Antibody [NBP1-80577] - Staining of human cell line A-431 shows positivity in vesicles. Antibody staining is shown in green.



Publications

Wu CT, Lidsky PV, Xiao Y et al. SARS-CoV-2 replication in airway epithelia requires motile cilia and microvillar reprogramming Cell 2022-12-01 [PMID: 36580912]

Wu T, Dong J, Fu J et al. The mechanism of acentrosomal spindle assembly in human oocytes Science (New York, N.Y.) 2022-11-18 [PMID: 36395215]

Pedrosa AG, Francisco T, Bicho D et al. Peroxisomal monoubiquitinated PEX5 interacts with the AAA ATPases PEX1 and PEX6 and is unfolded during its dislocation into the cytosol J. Biol. Chem. 2018-06-08 [PMID: 29884772] (WB)



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Products Related to NBP1-80577

NBP1-80577PEP	PEX1 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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