

# 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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**NBP1-80577**

PEX1 Antibody - BSA Free

**Product Information**

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

**Product Description**

<b>Host</b>	Rabbit
<b>Gene ID</b>	5189
<b>Gene Symbol</b>	PEX1
<b>Species</b>	Human
<b>Reactivity Notes</b>	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (83%), Rat (82%)
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: SAPSSMTQDLPGVPGKDQLFSQPPVLRTASQEGCQELTQEQRDQLRADISIHK GRYRSQSGEDES MNQPGPIKTRLAISQSHLMTALGHTRPSISEDWKNFAELY ESFQNPKRKRKNQSGTMFRPG

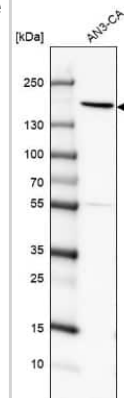
**Product Application Details**

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

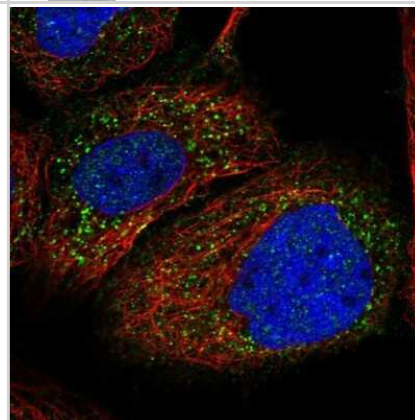


## Images

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**

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NBP1-80577PEP	PEX1 Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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### **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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