

# Product Datasheet

## IMPDH1 Antibody - BSA Free NBP1-52933

Unit Size: 100 ul

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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Updated 2/21/2025 v.20.1

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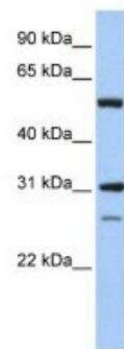
**NBP1-52933**

IMPDH1 Antibody - BSA Free

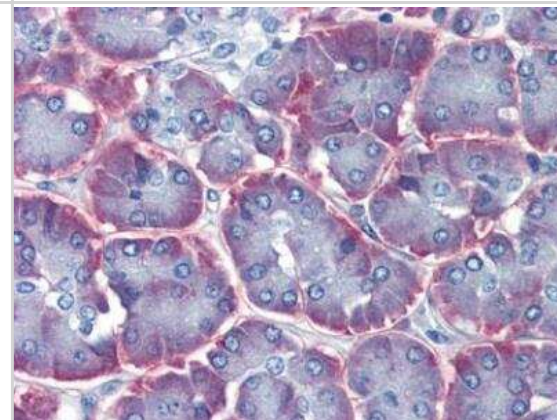
<b>Product Information</b>	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	0.5 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.09% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	PBS, 2% Sucrose
<b>Target Molecular Weight</b>	62 kDa
<b>Product Description</b>	
<b>Description</b>	The addition of 50% glycerol is optional for those storing this antibody at -20C and not aliquoting smaller units. However, please note that glycerol may interrupt some downstream antibody applications and should be added with caution.
<b>Host</b>	Rabbit
<b>Gene ID</b>	3614
<b>Gene Symbol</b>	IMPDH1
<b>Species</b>	Human
<b>Immunogen</b>	Synthetic peptides corresponding to IMPDH1 (IMP (inosine monophosphate) dehydrogenase 1) The peptide sequence was selected from the middle region of IMPDH1. Peptide sequence KKGKLPVNDCELVAIARTDLKKNRDYPLASKDSQKQLLCGAAVGTRE. The peptide sequence for this immunogen was taken from within the described region.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1.0 ug/ml, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500

## Images

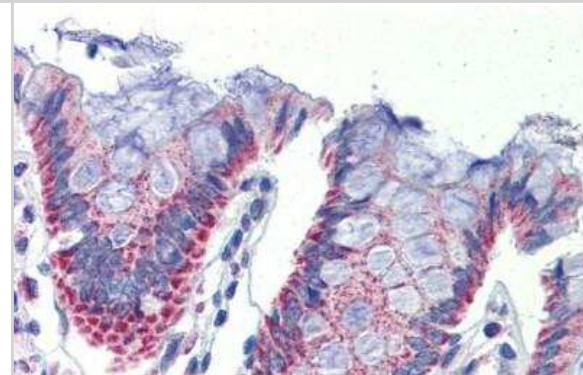
Western Blot: IMPDH1 Antibody [NBP1-52933] - Titration: 1 ug/ml  
Positive Control: Hela cell lysate.



Immunohistochemistry-Paraffin: IMPDH1 Antibody [NBP1-52933] - Human Pancreas.



Immunohistochemistry-Paraffin: IMPDH1 Antibody [NBP1-52933] - Human Colon Tissue, antibody concentration 5 ug/ml.



## Publications

Taylor HE, Calantone N, Lichon D et al. mTOR Overcomes Multiple Metabolic Restrictions to Enable HIV-1 Reverse Transcription and Intracellular Transport Cell Rep 2020-06-23 [PMID: 32579936] (WB, Human)



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### **Products Related to NBP1-52933**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
8904-DH-050	IMPDH1 [Unconjugated]

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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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