

# Product Datasheet

## HPRT Antibody - BSA Free NBP1-33527

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**Publications: 4**

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Updated 10/16/2025 v.20.1

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**NBP1-33527**

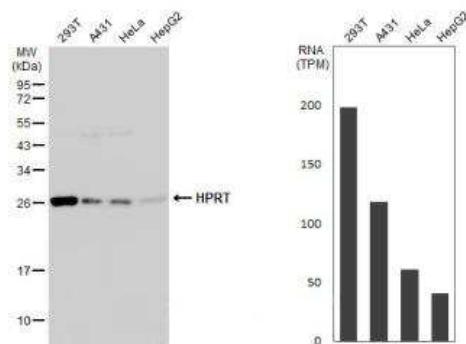
HPRT Antibody - BSA Free

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>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.025% Proclin 300
<b>Isotype</b>	IgG
<b>Purity</b>	Antigen Affinity-purified
<b>Buffer</b>	PBS, 20% Glycerol
<b>Target Molecular Weight</b>	25 kDa
Product Description	
<b>Description</b>	Novus Biologicals Knockout (KO) Validated Rabbit HPRT Antibody - BSA Free (NBP1-33527) is a polyclonal antibody validated for use in IHC, WB, ICC/IF and Simple Western. Anti-HPRT Antibody: Cited in 4 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	3251
<b>Gene Symbol</b>	HPRT1
<b>Species</b>	Human, Mouse, Rat
<b>Reactivity Notes</b>	Xenopus laevis (92%).
<b>Immunogen</b>	Recombinant protein encompassing a sequence within the center region of human HPRT. The exact sequence is proprietary.
Product Application Details	
<b>Applications</b>	Western Blot, Simple Western, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Knockout Validated
<b>Recommended Dilutions</b>	Western Blot 1:500-1:3000, Simple Western 1:100, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000, Knockout Validated
<b>Application Notes</b>	See <a href="#">Simple Western Antibody Database</a> for Simple Western validation: Tested in Tissue lysates, antibody dilution of 1:100

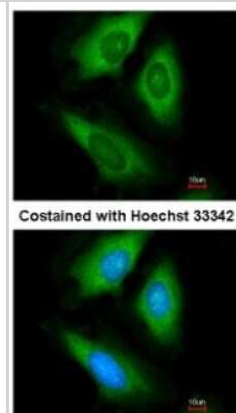


## Images

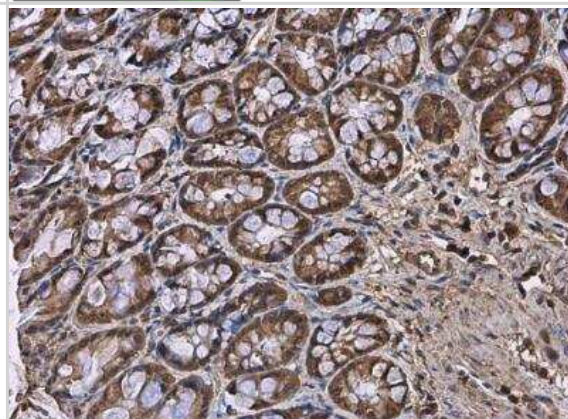
Western Blot: HPRT Antibody [NBP1-33527] - Various whole cell extracts (30 ug) were separated by 12% SDS-PAGE, and the membrane was blotted with HPRT antibody diluted at 1:500. HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



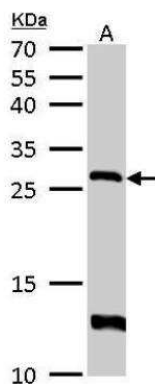
Immunocytochemistry/Immunofluorescence: HPRT Antibody [NBP1-33527] - Paraformaldehyde-fixed HeLa, using antibody at 1:200 dilution.



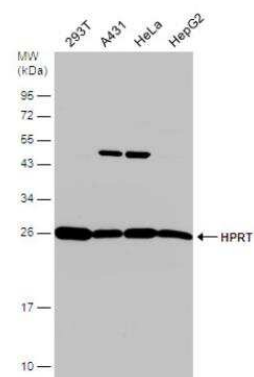
Immunohistochemistry-Paraffin: HPRT Antibody [NBP1-33527] - Rat colon. HPRT antibody diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.



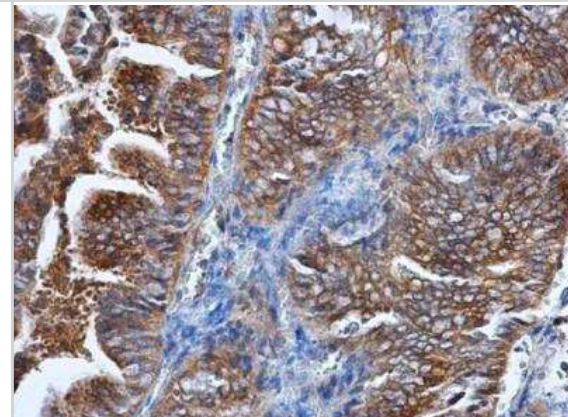
Western Blot: HPRT Antibody [NBP1-33527] - A. 50 ug mouse liver lysate/extract 12 % SDS-PAGE HPRT antibody dilution: 1:500



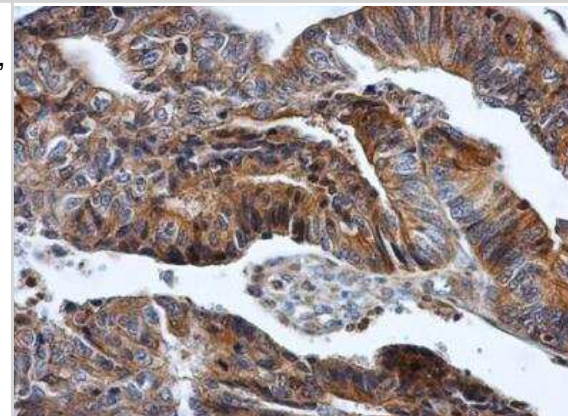
Western Blot: HPRT Antibody [NBP1-33527] - Various whole cell extracts (30 ug) were separated by 12% SDS-PAGE, and the membrane was blotted with HPRT antibody diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



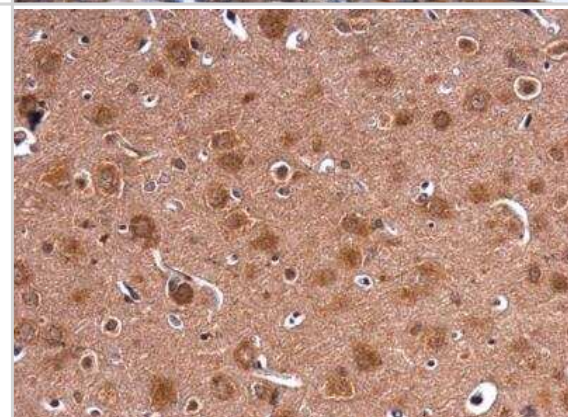
Immunohistochemistry-Paraffin: HPRT Antibody [NBP1-33527] - Human endometrial cancer. HPRT antibody diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.



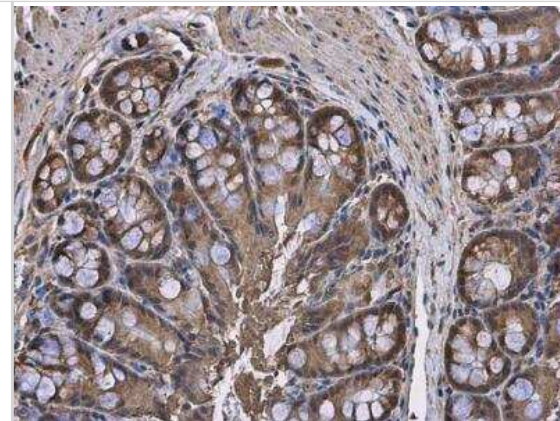
Immunohistochemistry-Paraffin: HPRT Antibody [NBP1-33527] - Colon cancer. HPRT antibody diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.



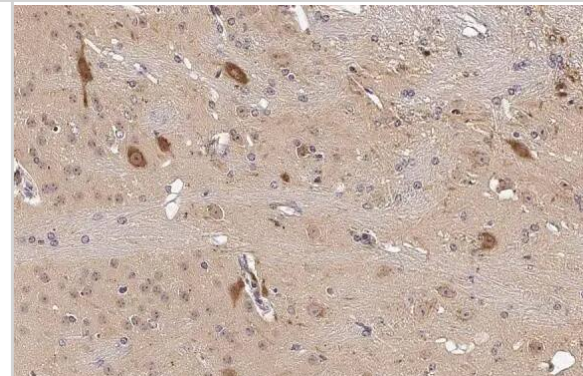
Immunohistochemistry-Paraffin: HPRT Antibody [NBP1-33527] - Rat brain. HPRT antibody diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.



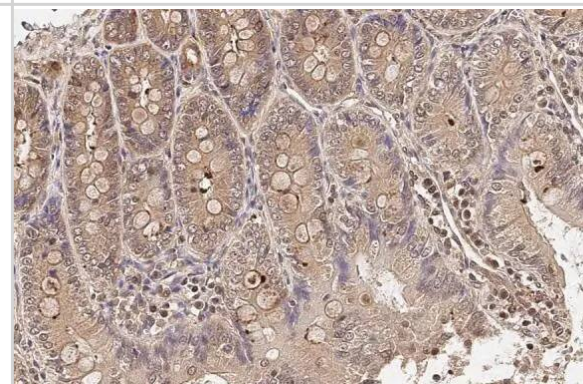
Immunohistochemistry-Paraffin: HPRT Antibody [NBP1-33527] - Mouse colon. HPRT antibody diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.



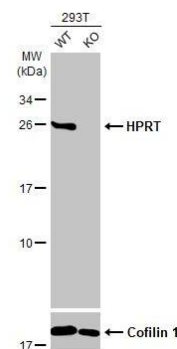
Immunohistochemistry-Paraffin: HPRT Antibody [NBP1-33527] - HPRT antibody detects HPRT protein at cytoplasm by immunohistochemical analysis. Sample: Paraffin-embedded mouse brain. HPRT stained by HPRT antibody (NBP1-33527) diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



Immunohistochemistry-Paraffin: HPRT Antibody [NBP1-33527] - HPRT antibody detects HPRT protein at cytoplasm by immunohistochemical analysis. Sample: Paraffin-embedded rat duodenum. HPRT stained by HPRT antibody (NBP1-33527) diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



Western Blot: HPRT Antibody [NBP1-33527] - Wild-type (WT) and HPRT knockout (KO) 293T cell extracts (10 ug) were separated by 12% SDS-PAGE, and the membrane was blotted with HPRT antibody diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



## Publications

Fuchs C, Stalnaker KJ, Dalgard CL et al. Plantar Skin Exhibits Altered Physiology, Constitutive Activation of Wound-Associated Phenotypes, and Inherently Delayed Healing. *The Journal of investigative dermatology* 2024-06-22 [PMID: 38237729]

Liu Y, Andreucci A, Iwamoto N et al. Preclinical evaluation of WVE-004, an investigational stereopure oligonucleotide for the treatment of C9orf72-associated ALS or FTD *Molecular Therapy - Nucleic Acids* [PMID: 35592494]

Hagiwara K, Honma M, Harumoto T et al. Development of Prodrug Type Circular siRNA for In Vivo Knockdown by Systemic Administration *Nucleic Acid Ther* 2020-10-05 [PMID: 33016851]

Doigneaux C, Pedley AM, Mistry IN et al. Hypoxia Drives the Assembly of the Multi-Enzyme Purinosome Complex *J. Biol. Chem.* 2020-05-21 [PMID: 32439803] (WB, Human)





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### **Products Related to NBP1-33527**

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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

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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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