

# Product Datasheet

## EPHX1 Antibody - BSA Free NBP1-33011

Unit Size: 0.1 ml

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

[www.novusbio.com](http://www.novusbio.com)



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### Publications: 1

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Updated 9/25/2025 v.20.1

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**NBP1-33011**

EPHX1 Antibody - BSA Free

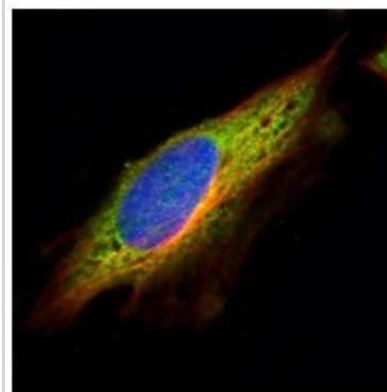
Product Information	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	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>	53 kDa

Product Description	
<b>Description</b>	Novus Biologicals Rabbit EPHX1 Antibody - BSA Free (NBP1-33011) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-EPHX1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	2052
<b>Gene Symbol</b>	EPHX1
<b>Species</b>	Human, Mouse
<b>Immunogen</b>	Recombinant protein encompassing a sequence within the center region of human EPHX1. The exact sequence is proprietary.

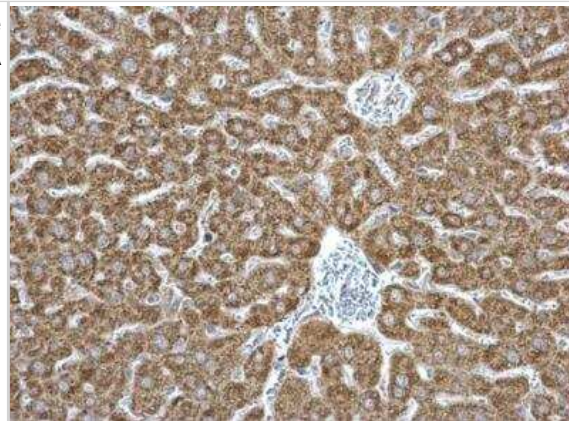
Product Application Details	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000

**Images**

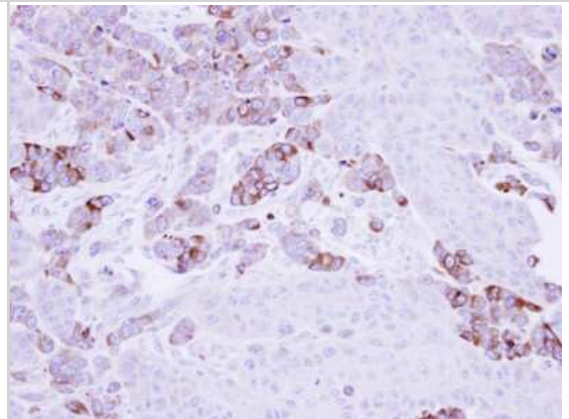
Immunocytochemistry/Immunofluorescence: EPHX1 Antibody [NBP1-33011] - Analysis of methanol-fixed HeLa, using EPHX1 antibody (Green) at 1:500 dilution. Alpha-tubulin filaments were labeled with an alpha Tubulin antibody (Red) at 1:2000.



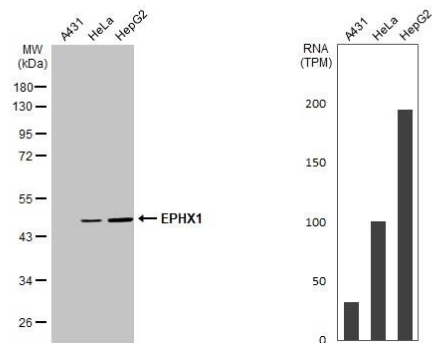
Immunohistochemistry-Paraffin: EPHX1 Antibody [NBP1-33011] - Mouse liver. EPHX1 antibody dilution: 1:500. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.



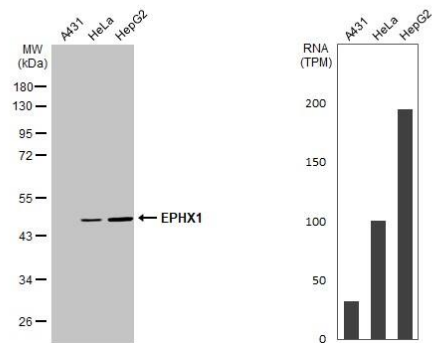
Immunohistochemistry-Paraffin: EPHX1 Antibody [NBP1-33011] - SG xenograft, using Epoxide hydrolase 1 antibody at 1:500 dilution. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.



Various whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with EPHX1 antibody (NBP1-33011) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody. Corresponding RNA expression data for the same cell lines are based on Human Protein Atlas program.



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## Publications

Gautheron J, Morisseau C, Chung WK Et al. EPHX1 mutations cause a lipoatrophic diabetes syndrome due to impaired epoxide hydrolysis and increased cellular senescence eLife 2021-08-03 [PMID: 34342583] (WB, ICC/IF, Human)



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### **Products Related to NBP1-33011**

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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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