

# Product Datasheet

## Cytochrome P450 2E1 Antibody - BSA Free NBP1-85366

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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



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### Publications: 1

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Updated 2/21/2025 v.20.1

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**NBP1-85366**

Cytochrome P450 2E1 Antibody - BSA Free

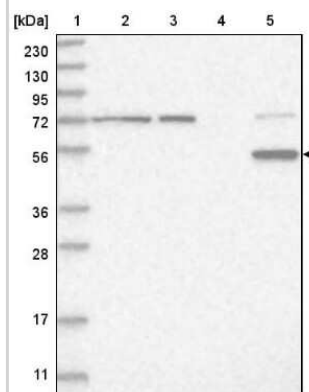
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Host	Rabbit
Gene ID	1571
Gene Symbol	CYP2E1
Species	Human
Reactivity Notes	Reactivity reported in scientific literature (PMID: 24309898)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: PCNVIADILFRKHFDYNDEKFLRLMYLFNENFHLLSTPWLQLYNNFPSFLHYLPG SHRKVIKNVAEVKEYVSEVKEHHQSLDPNCPDLTDCLLVEMEKEKHSERL YTMDGITVTVADLFFAGTETTSTTLRYGLLIL

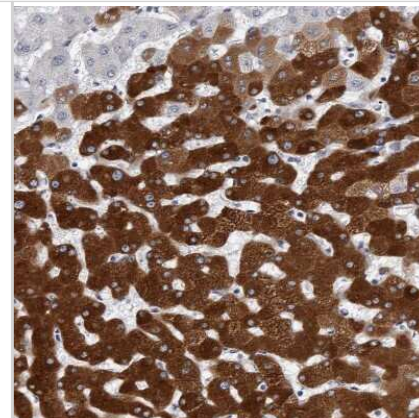
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

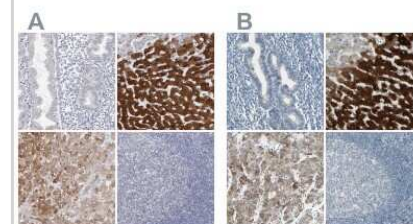
Western Blot: Cytochrome P450 2E1 Antibody [NBP1-85366] - Lane 1: Marker [kDa] 230, 130, 95, 72, 56, 36, 28, 17, 11. Lane 2: Human cell line RT-4. Lane 3: Human cell line U-251MG sp. Lane 4: Human plasma (IgG/HSA depleted). Lane 5: Human liver tissue



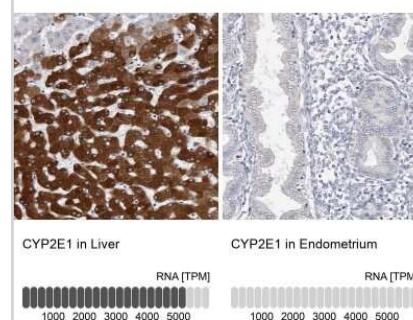
Immunohistochemistry-Paraffin: Cytochrome P450 2E1 Antibody [NBP1-85366] - Staining of human liver shows strong cytoplasmic positivity in tumor cells.



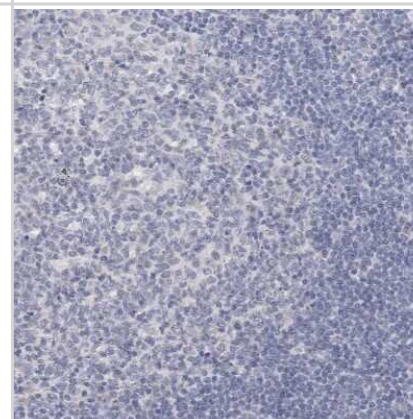
Immunohistochemistry-Paraffin: Cytochrome P450 2E1 Antibody [NBP1-85366] - Staining of human endometrium, liver, liver cancer and tonsil using Anti-CYP2E1 antibody NBP1-85366 (A) shows similar protein distribution across tissues to independent antibody NBP1-85367 (B).



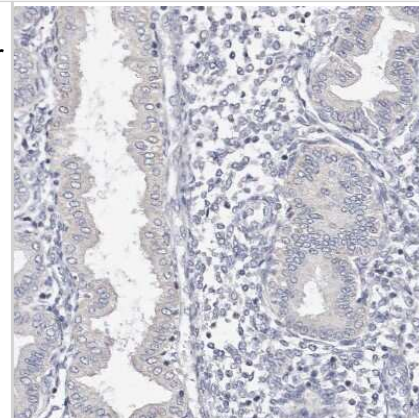
Immunohistochemistry-Paraffin: Cytochrome P450 2E1 Antibody [NBP1-85366] - Analysis in human liver and endometrium tissues. Corresponding CYP2E1 RNA-seq data are presented for the same tissues.



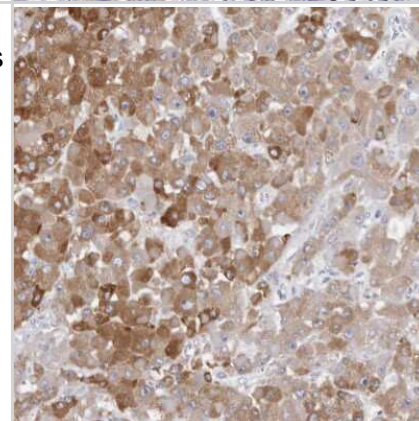
Immunohistochemistry-Paraffin: Cytochrome P450 2E1 Antibody [NBP1-85366] - Staining of human tonsil shows no positivity in germinal center cells as expected.



Immunohistochemistry-Paraffin: Cytochrome P450 2E1 Antibody [NBP1-85366] - Staining of human endometrium shows no positivity in glandular cells as expected.



Immunohistochemistry-Paraffin: Cytochrome P450 2E1 Antibody [NBP1-85366] - Staining of human liver cancer, hepatocellular carcinoma shows moderate cytoplasmic positivity in tumor cells.



## Publications

Fagerberg L, Hallstrom BM, Oksvold P et al. Analysis of the Human Tissue-specific Expression by Genome-wide Integration of Transcriptomics and Antibody-based Proteomics. Mol Cell Proteomics 2014-02-01 [PMID: 24309898]



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### **Products Related to NBP1-85366**

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NBP1-85366PEP	Cytochrome P450 2E1 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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