

Product Datasheet

Cytochrome P450 2E1 Antibody - BSA Free NBP1-85367

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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NBP1-85367

Cytochrome P450 2E1 Antibody - BSA Free

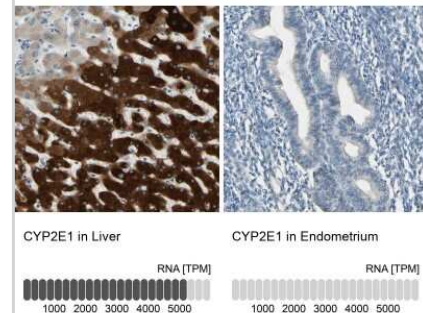
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Host	Rabbit
Gene ID	1571
Gene Symbol	CYP2E1
Species	Human, Mouse, Rat
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: EKLHEEIDRVIGPSRIPAIAKDRQEMPYMDAVVHEIQRFITLVPSNLPHEATRDTIF RGYLIPKGTVVVPTLDSVLYDNQEFDPPEKFKPEHFLNENGGKFKYSDFKPFST GKRVCAG

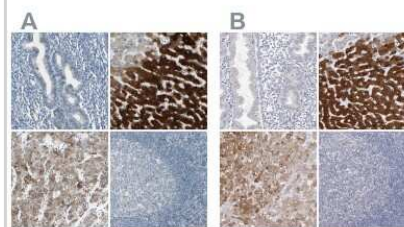
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence Validated from a verified customer review., Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

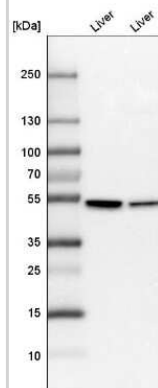
Immunohistochemistry-Paraffin: Cytochrome P450 2E1 Antibody [NBP1-85367] - Analysis in human liver and endometrium tissues. Corresponding CYP2E1 RNA-seq data are presented for the same tissues.



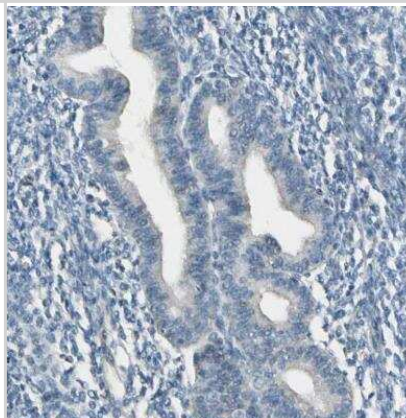
Immunohistochemistry-Paraffin: Cytochrome P450 2E1 Antibody [NBP1-85367] - Staining of human endometrium, liver, liver cancer and tonsil using Anti-CYP2E1 antibody NBP1-85367 (A) shows similar protein distribution across tissues to independent antibody NBP1-85366 (B).



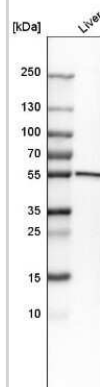
Western Blot: Cytochrome P450 2E1 Antibody [NBP1-85367] - Western blot analysis in mouse liver tissue and rat liver tissue.



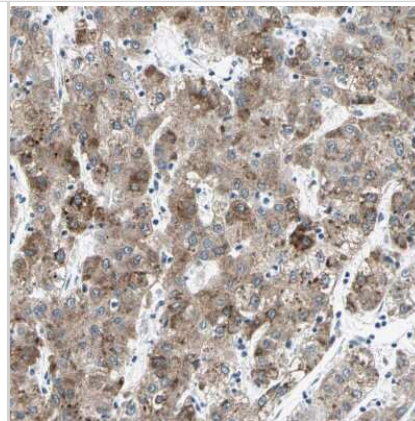
Immunohistochemistry-Paraffin: Cytochrome P450 2E1 Antibody [NBP1-85367] - Staining of human endometrium shows no positivity in glandular or stromal cells as expected.



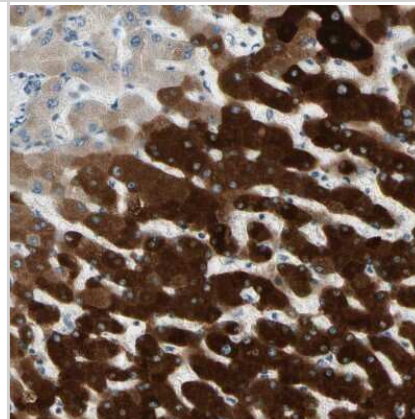
Western Blot: Cytochrome P450 2E1 Antibody [NBP1-85367] - Analysis in human liver tissue.



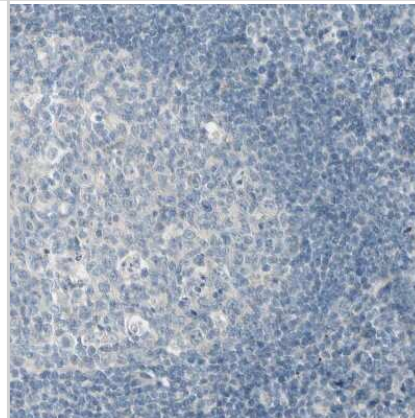
Immunohistochemistry-Paraffin: Cytochrome P450 2E1 Antibody [NBP1-85367] - Staining of human liver cancer shows moderate cytoplasmic positivity in tumor cells.



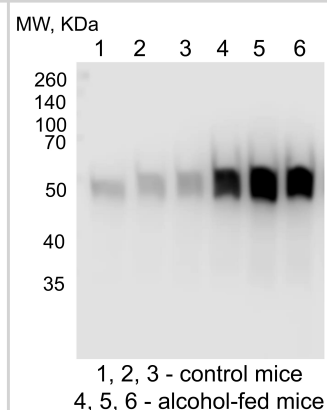
Immunohistochemistry-Paraffin: Cytochrome P450 2E1 Antibody [NBP1-85367] - Staining of human liver shows strong cytoplasmic positivity in hepatocytes.



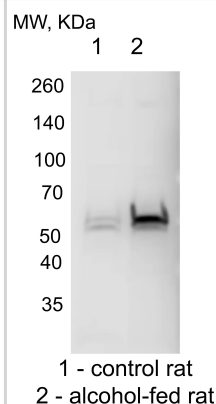
Immunohistochemistry-Paraffin: Cytochrome P450 2E1 Antibody [NBP1-85367] - Staining of human tonsil shows no positivity in germinal center cells as expected.



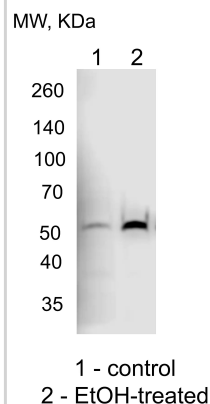
Western Blot: Rabbit Polyclonal Cytochrome P450 2E1 Antibody [NBP1-85367] - Western Blot of the liver homogenates from control and alcohol-fed mice. Image from a verified customer review.



Western Blot: Rabbit Polyclonal Cytochrome P450 2E1 Antibody [NBP1-85367] - Cytochrome P450 2E1 western blot of the homogenates from control and alcohol-fed rats. Image from a verified customer review.



Western Blot: Rabbit Polyclonal Cytochrome P450 2E1 Antibody [NBP1-85367] - Cytochrome P450 2E1 western blot of the lysate of VL-17A cells (Hep G2 cells that stably express both Cytochrome P450 2E1 and ADH): control and treated with EtOH. Image from a verified customer review.



Publications

Amanda JM, Taylor ED, Artem NP et al. Alcohol-induced Golgiphagy is triggered by the downregulation of Golgi GTPase RAB3D Autophagy. 2024-04-09 [PMID: 38591519] (Western Blot, Mouse)

Wehling L, Keegan L, Fernández-Palanca P et al. Spatial modeling reveals nuclear phosphorylation and subcellular shuttling of YAP upon drug-induced liver injury eLife 2022-10-18 [PMID: 36255405] (WB, Human)

Details:
Dilutions: 1:500

Ran M, Chen H, Liang B et al. Alcohol-induced autophagy via upregulation of PIASy promotes HCV replication in human hepatoma cells. Cell Death Dis Sep 5 2018 12:00AM [PMID: 30185779] (WB, Virus)

Hou W, Bukong TN, Kodys K et al. Alcohol Facilitates HCV RNA Replication Via Up-Regulation of miR-122 Expression and Inhibition of Cyclin G1 in Human Hepatoma Cells. Alcohol Clin Exp Res 2013-04-01 [PMID: 23126531] (WB)



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Products Related to NBP1-85367

NBP1-85367PEP	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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