

# Product Datasheet

## CYP1B1 Antibody - BSA Free

### NBP2-24722

Unit Size: 0.1 mg

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

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**NBP2-24722**

CYP1B1 Antibody - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein G purified
Buffer	PBS

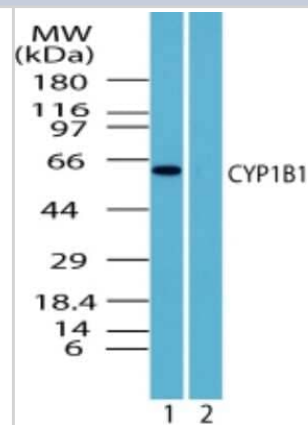
Product Description	
Description	Novus Biologicals Rabbit CYP1B1 Antibody - BSA Free (NBP2-24722) is a polyclonal antibody validated for use in IHC and WB. Anti-CYP1B1 Antibody: Cited in 5 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	1545
Gene Symbol	CYP1B1
Species	Human
Immunogen	A portion of amino acids 400-450 of human CYP1B1 was used as the immunogen.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, In vitro assay
Recommended Dilutions	Western Blot 0.5-2 ug/ml, Immunohistochemistry, Immunohistochemistry-Paraffin 5-10 ug/ml, In vitro assay

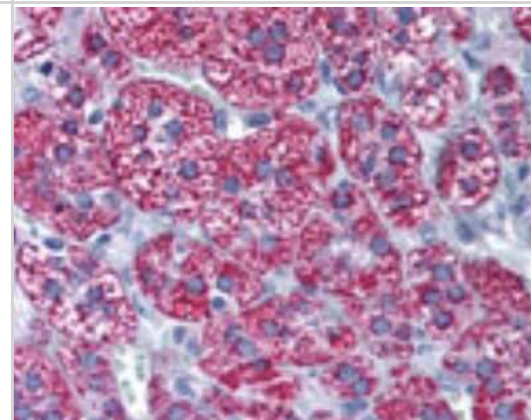


## Images

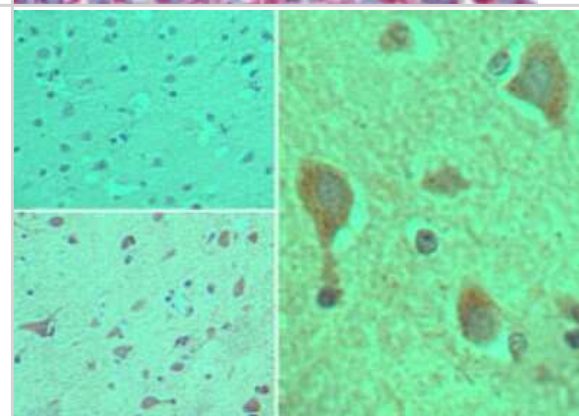
Western Blot: CYP1B1 Antibody [NBP2-24722] - Analysis of CYP1B1 in human brain lysate in the 1) absence and 2) presence of immunizing peptide using this antibody at 1 ug/ml.



Immunohistochemistry-Paraffin: CYP1B1 Antibody [NBP2-24722] - Analysis of human adrenal using this antibody at 10 ug/ml.



Immunohistochemistry-Paraffin: CYP1B1 Antibody [NBP2-24722] - Analysis of CYP1B1 in human brain tissue using an isotype control (top left) and this antibody (bottom left, right) at 5 ug/ml.



## Publications

Al-saraireh Y, Alshammari F, Youssef A et al. Profiling of CYP4Z1 and CYP1B1 Expression in Bladder Cancers Sci Rep 2021-03-11 [PMID: 33692504]

Marchetti S, Hassan SK, Shetaya WH et al. Seasonal Variation in the Biological Effects of PM2.5 from Greater Cairo Int J Mol Sci 2019-10-09 [PMID: 31600872] (WB, Human)

Marchetti S, Longhin E, Bengalli R et al. In vitro lung toxicity of indoor PM10 from a stove fueled with different biomasses Sci. Total Environ. 2019-02-01 [PMID: 30308911] (WB, Human)

Shatalova EG, Klein-Szanto AJ, Devarajan K et al. Estrogen and cytochrome P450 1B1 contribute to both early- and late-stage head and neck carcinogenesis. Cancer Prev Res (Phila). 2011-01-01 [PMID: 21205741] (WB, Human)

### Details:

Product cited: Cytochrome P450 (CYP1B1). WB: MSK-Leuk1 cells transfected with CYP1B1 siRNA, Fig 3A. WB: Human premalignant (MSK-Leuk1) and malignant (SCC) head and neck cells, Fig 1B. Note: The CYP1B1 (IMG-5988A) antibody was siRNA validated in MSK-Leuk1 c

Meireles SI, Esteves GH, Hirata R Jr et al. Early changes in gene expression induced by tobacco smoke: Evidence for the importance of estrogen within lung tissue. Cancer Prev Res (Phila). 2010-06-01 [PMID: 20515954] (WB, Human)

### Details:

WB: Human pulmonary microsomes from smokers and nonsmokers, Fig 2.





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### **Products Related to NBP2-24722**

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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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