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## **GOAT ANTI-CYTOCHROME P450 1A2 (MOUSE) ANTIBODY**

**SKU:** EB11171





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250kDa 150kDa 100kDa 75kDa

e erest

50kDa

37kDa

25kDa

20kDa



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## **SPECIFICATIONS**

Formulation Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

**Unit Size** 100 μg

Storage

Aliquot and store at -20°C. Minimize freezing and thawing.

Synonym /

Cyp1a2| P450-3| cytochrome P450-P3| cytochrome P450-P2| cytochrome P450, family 1, subfamily A, polypeptide 2| cytochrome P450, 1a2, aromatic compound inducible| cytochrome P450 family 1 subfamily a

polypeptide 1| cytochrome P450 1A2| CYPIA2| Cyp1a1| CP12| aromatic compound inducible Names

**Accession** 

ID

**Alias** 

NP\_034123.1

**Blocking** 

**Peptide** 

EBP11171

Peptide with sequence C-HSENYKDNGGLIPEEK, from the internal region of the protein sequence according to **Immunogen** 

NP 034123.1.

**Product Comments** 

This antibody is not expected to cross-react to the similar P450 1A1.

**Peptide** 

Sequence

C-HSENYKDNGGLIPEEK

Purification Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography

Method using the immunizing peptide.

Shipping

Refrigerated Instructions

**Predicted** 

Mouse, Rat

**Species** 

Reactive **Species** 

Human, Mouse, Rat

13077

Mouse

Gene ID

Rat Gene ID 24297

**Product** 

https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite\_medium.png

Grade **ELISA** 

**Detection** 

Western **Blot** 

Antibody detection limit dilution 1:32000.

Limit

Approx 60kDa band observed in Mouse fetal Liver lysates and approx. 55kDa in Human Liver and Lung lysates (calculated MW of 58.4kDa according to Human NP 000752.2 and 58.2kDa according to Mouse NP 034123.1). Recommended concentration: 0.3-1µg/ml. Primary incubation was 1 hour. This antibody has been successfully

used in WB on Rat Liver lysates, PMID: 35094979.

**Application** 

Pep-ELISA, WB **Type** 



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## **SELECTED REFERENCES**

[{"pmid": 35094979, "intro": "This antibody has been successfully used in Western blot on Rat:", "title": "Proteomic and Bioinformatics Analysis of Membrane Lipid Domains after Brij 98 Solubilization of Uninduced and Phenobarbital-Induced Rat Liver Microsomes: Defining the Membrane Localization of the P450 Enzyme System", "author": "James R Reed, Jessie J Guidry, Wayne L Backes", "journal": "Drug Metab Dispos. 2022 Apr;50(4):374-385."}]

## **GALLERY IMAGES**





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