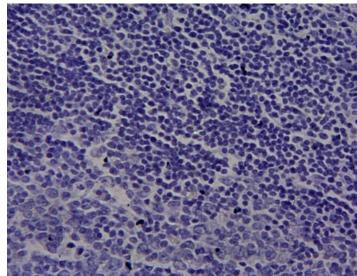


Email: customerservice@vectorlabs.com

Telephone: (650) 697-3600

GOAT ANTI-CYTOCHROME P450 1A1 (MOUSE) ANTIBODY

SKU: EB11173



SPECIFICATIONS

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

100 µg **Unit Size**

Storage

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

Synonym / cyp1a1 | P450-1 | cytochrome P450-P1 | cytochrome P450, family 1, subfamily A, polypeptide 1 | cytochrome P450,

Alias **Names** 1a1, aromatic compound inducible| cytochrome P450 subfamily I, polypeptide 1| cytochrome P450 family 1 subfamily a polypeptide 2| cytochrome P450 1A1| CYPIA1| Cyp1a2| CP11| aromatic compound inducible| AHRR| AHH

Usage Summary

Immunofluorescence: Strong expression of the protein seen in the ER and cytoplasm of NIH3T3 cells. Recommended concentration: 10µg/ml.

Accession

NP_001129531.1

Blocking Peptide

EBP11173

Peptide with sequence C-QDRKLDENANVQLSD, from the internal region of the protein sequence according to

Product

This antibody is not expected to cross-react with the similar P450 1A2 **Comments**





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Peptide

C-QDRKLDENANVQLSD

Sequence

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

Method the immunizing peptide.

Shipping

Refrigerated Instructions

Predicted Species

Mouse, Rat

Reactive

Species

Human, Mouse, Rat

Mouse

13076 Gene ID

Rat Gene ID 24296 **Product**

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

Grade

IHC Results Paraffin embedded Human Tonsil. Recommended concentration: 10µg/ml.

ELISA

Detection

Antibody detection limit dilution 1:64000.

Limit

Blot

Western

Approx 55kDa band observed in Human and Rat Lung lysates (calculated MW of 58.2kDa according to Human

NP_000490.1 and 59.4kDa according to Rat NP_036672.). Primary incubation was 1 hour. Recommended

concentration: 0.1-0.3µg/ml.

Application

Type

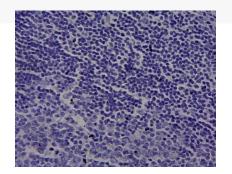
Pep-ELISA, WB, IF, IHC

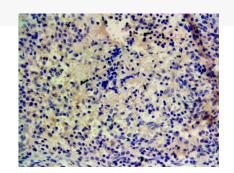
GALLERY IMAGES











250kDa 150kDa 100kDa

75kDa

50kDa

37kDa

25kDa

20kDa

15kDa



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250kDa 150kDa 100kDa

75kDa

50kDa

37kDa

25kDa

20kDa