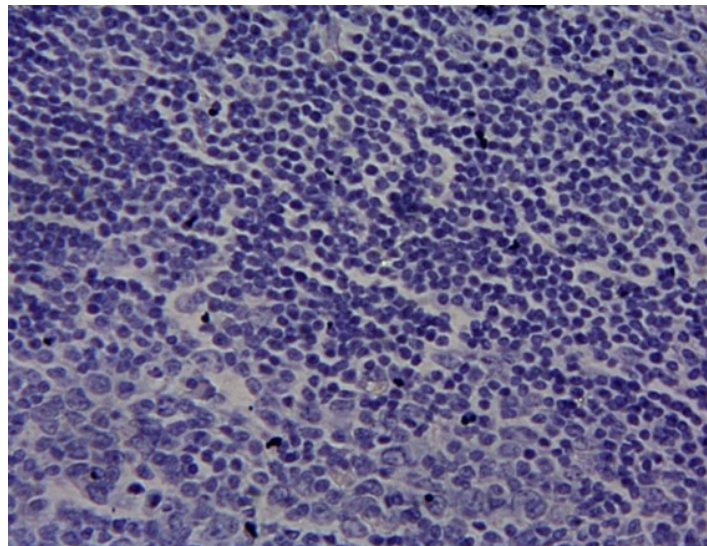


GOAT ANTI-CYTOCHROME P450 1A1 (MOUSE) ANTIBODY

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.
Unit Size	100 µg
Storage Instructions	Aliquot and store at -20°C. Minimize freezing and thawing.
Synonym / Alias	cyp1a1 P450-1 cytochrome P450-P1 cytochrome P450, family 1, subfamily A, polypeptide 1 cytochrome P450, 1a1, aromatic compound inducible cytochrome P450 subfamily I, polypeptide 1 cytochrome P450 family 1 subfamily a polypeptide 2 cytochrome P450 1A1 CYP1A1 Cyp1a2 CP11 aromatic compound inducible AHRR AHH
Names	
Usage	Immunofluorescence: Strong expression of the protein seen in the ER and cytoplasm of NIH3T3 cells. Recommended concentration: 10µg/ml.
Summary	
Accession ID	NP_001129531.1
Blocking Peptide	EBP11173
Immunogen	Peptide with sequence C-QDRKLDENANVQLSD, from the internal region of the protein sequence according to NP_001129531.1.
Product Comments	This antibody is not expected to cross-react with the similar P450 1A2

Peptide Sequence	C-QDRKLDENANVQLSD
Purification Method	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Shipping Instructions	Refrigerated
Predicted Species	Mouse, Rat
Reactive Species	Human, Mouse, Rat
Mouse Gene ID	13076
Rat Gene ID	24296
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_plus_medium.png
IHC Results	Paraffin embedded Human Tonsil. Recommended concentration: 10µg/ml.
ELISA	
Detection Limit	Antibody detection limit dilution 1:64000.
Western Blot	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

DOCUMENTS

- [Data Sheet](#)

GALLERY IMAGES

