

cytochrome P450 1A1 (mouse) Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF3650a

Specification

cytochrome P450 1A1 (mouse) Antibody (internal region) - Product Information

Application	WB, IHC, IF, Pep-ELISA
Primary Accession	P00184.2
Other Accession	NP_001129531.1 , 13076 (mouse) , 24296 (rat)
Reactivity	Rat
Predicted	Mouse
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG

cytochrome P450 1A1 (mouse) Antibody (internal region) - Additional Information

Other Names

cyp1a1; cytochrome P450, family 1, subfamily A, polypeptide 1; AHH; AHRR; CP11; Cyp1a2; P450-1; CYP1A1; aromatic compound inducible; cytochrome P450 1A1; cytochrome P450 family 1 subfamily a polypeptide 2; cytochrome P450 subfamily I, polypeptide 1; cytoc

Dilution

WB~~1:1000
IHC~~1:100~500
IF~~1:50~200
Pep-ELISA~~N/A

Format

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

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

cytochrome P450 1A1 (mouse) Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

cytochrome P450 1A1 (mouse) Antibody (internal region) - Protein Information

cytochrome P450 1A1 (mouse) Antibody (internal region) - Protocols

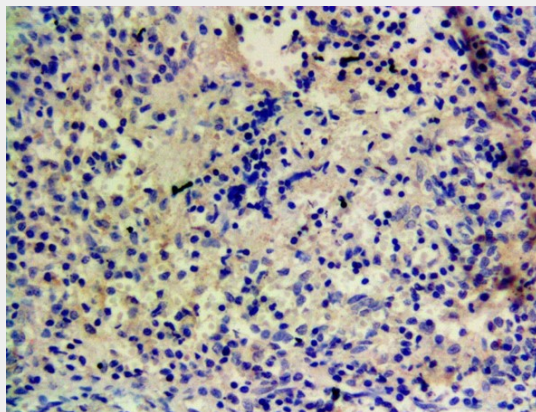
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

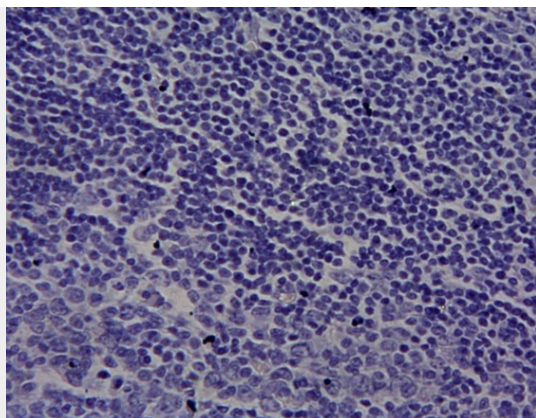
cytochrome P450 1A1 (mouse) Antibody (internal region) - Images



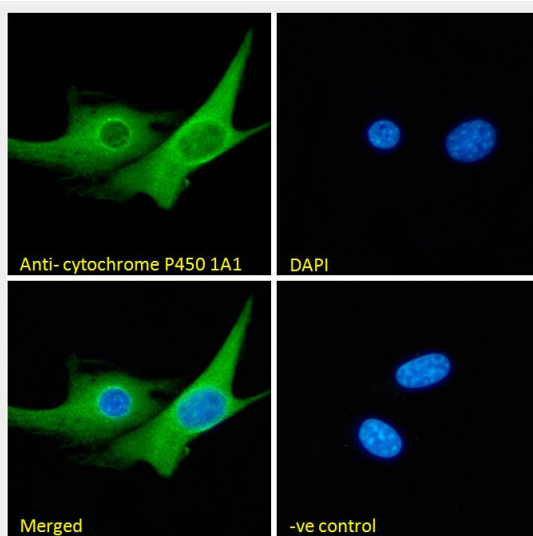
EB11173 (0.1 μ g/ml) staining of Human Lung lysate (35 μ g protein in RIPA buffer). Detected by chemiluminescence.



EB11173 Staining of paraffin embedded Human Tonsil. Heat induced antigen retrieval with Tris-EDTA pH 9, HRP-Staining (1:500)



EB11173 Negative Control showing staining of paraffin embedded Human Tonsil, with no primary antibody.



EB11173 Immunofluorescence analysis of paraformaldehyde fixed NIH3T3 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing endoplasmic reticulum and cytoplasmic staining.

cytochrome P450 1A1 (mouse) Antibody (internal region) - Background

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

cytochrome P450 1A1 (mouse) Antibody (internal region) - References

Sequence variants at CYP1A1-CYP1A2 and AHR associate with coffee consumption. Sulem P, Gudbjartsson DF, Geller F, Prokopenko I, Feenstra B, Aben KK, Franke B, den Heijer M, Kovacs P, Stumvoll M, Mägi R, Yanek LR, Becker LC, Boyd HA, Stacey SN, Walters GB, Jonasdottir A, Thorleifsson G, Holm H, Gudjonsson SA, Rafnar T, Björnsdottir Hum Mol Genet. 2011 May 15;20(10):2071-7. PMID: 21357676