

## Cytochrome P450 4A antibody

**Cat. No. GTX79175**

<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG
<b>Applications</b>	WB, ICC/IF, IHC-P, IHC-Fr, IP
<b>Reactivity</b>	Human, Mouse, Rat, Rabbit, Cat, Hamster, Pig

**Package**  
100 µl

## Applications

**Application Note**

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:200-1:2000
ICC/IF	1:20-1:200
IHC-P	1:100-1:500
IHC-Fr	1:100
IP	Assay dependent

Not tested in other applications.

**Calculated MW** 58 kDa. ( [Note](#) )

**Product Note** This antibody detects cytochrome P450 4A (isoforms 1, 2, and 3).

## Properties

<b>Form</b>	Liquid
<b>Buffer</b>	Serum diluted with PBS
<b>Preservative</b>	0.05% Sodium azide
<b>Storage</b>	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
<b>Immunogen</b>	Synthetic peptide corresponding to residues D(431) P S R F A P D S P R H S H S(445) of rat Cytochrome P450 4A.
<b>Purification</b>	Unpurified
<b>Conjugation</b>	Unconjugated

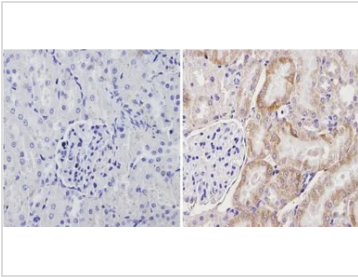


For full product information, images and publications, please visit our [website](#).

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

**Note**  
Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

## DATA IMAGES

**GTX79175 IHC-P Image**

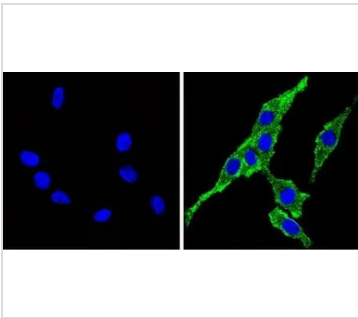
IHC-P analysis of rat kidney tissue using GTX79175 Cytochrome P450 4A antibody.

Right : Primary antibody

Left : Negative control without primary antibody

Antigen retrieval : 10mM sodium citrate (pH 6.0) microwaved for 8-15 min

Dilution : 1:200

**GTX79175 ICC/IF Image**

ICC/IF analysis of PC-12 cells using GTX79175 Cytochrome P450 4A antibody. Cells were probed without (left) or with(right) an antibody.

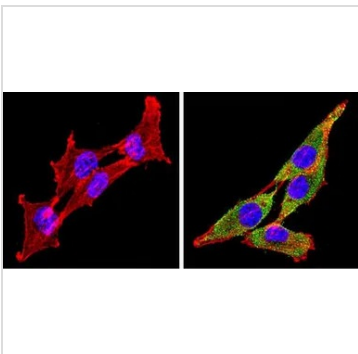
Green : Primary antibody

Blue : Nuclei

Fixation : Formalin

Permeabilization : 0.1% Triton X-100 in TBS for 5-10 minute

Dilution : 1:100 incubated overnight at 4 °C

**GTX79175 ICC/IF Image**

ICC/IF analysis of H-4-II-E cells using GTX79175 Cytochrome P450 4A antibody. Cells were probed without (left) or with(right) an antibody.

Green : Primary antibody

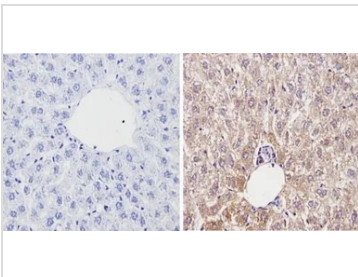
Blue : Nuclei

Red : Actin

Fixation : Formalin

Permeabilization : 0.1% Triton X-100 in TBS for 5-10 minute

Dilution : 1:100 incubated overnight at 4 °C

**GTX79175 IHC-P Image**

IHC-P analysis of rat liver tissue using GTX79175 Cytochrome P450 4A antibody.

Right : Primary antibody

Left : Negative control without primary antibody

Antigen retrieval : 10mM sodium citrate (pH 6.0) microwaved for 8-15 min

Dilution : 1:200



For full product information, images and publications, please visit our [website](#).