

## CYP1A1 Antibody (F50939)

Catalog No.	Formulation	Size
F50939-0.2ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.2 ml
F50939-0.05ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.05 ml

[Bulk quote request](#)

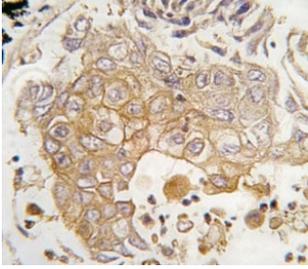
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Mouse
<b>Predicted Reactivity</b>	Primate
<b>Format</b>	Purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Purified
<b>UniProt</b>	P04798
<b>Localization</b>	Cytoplasmic, membrane
<b>Applications</b>	Western Blot : 1:1000 IHC (Paraffin) : 1:10-1:50
<b>Limitations</b>	This CYP1A1 antibody is available for research use only.

95  
72  
55  
36  
28  
17

Western blot analysis of CYP1A1 antibody and K562 lysate. Predicted molecular weight ~58 kDa.



Western blot analysis of CYP1A1 antibody and mouse lung tissue lysate



IHC analysis of FFPE human lung carcinoma tissue stained with CYP1A1 antibody

## Description

Cytochromes P450 are a group of heme-thiolate monooxygenases. In liver microsomes, CYP1A1 is involved in an NADPH-dependent electron transport pathway. It oxidizes a variety of structurally unrelated compounds, including steroids, fatty acids, and xenobiotics. [UniProt]

## Application Notes

Titration of the CYP1A1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

A portion of amino acids 377-405 from the human protein was used as the immunogen for this CYP1A1 antibody.

## Storage

Aliquot the CYP1A1 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.