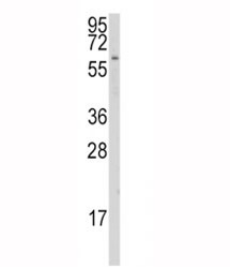
CYP1A1 Antibody (F50939)

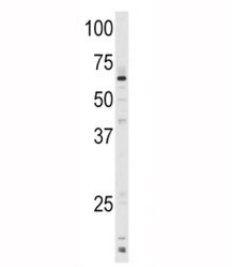
Catalog No.	Formulation	Size
F50939-0.2ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.2 ml
F50939-0.05ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.05 ml

Bulk quote request

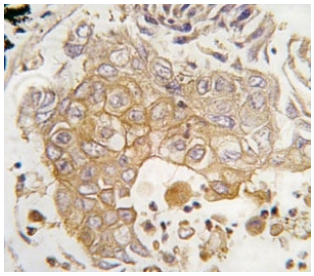
Availability	1-3 business days
Species Reactivity	Human, Mouse
Predicted Reactivity	Primate
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	P04798
Localization	Cytoplasmic, membrane
Applications	Western Blot : 1:1000 IHC (Paraffin) : 1:10-1:50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



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]

Explore our CYP1A1 Antibody / Xenobiotic Metabolism Enzyme Antibody page for additional information on CYP1A1 function in oxidative metabolism, detoxification, and metabolic adaptation.

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 -20oC or colder. Avoid repeated freeze-thaw cycles.

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