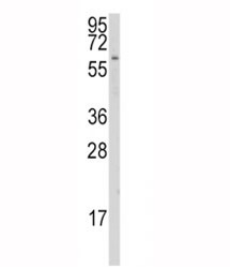
# CYP1A1 Antibody (F50939)

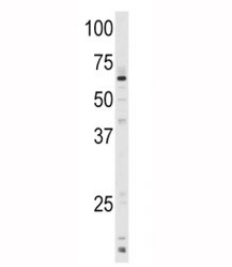
| Catalog No. | Formulation | Size |
|---|---|---|
| F50939-0.2ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.2 ml |
| F50939-0.05ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.05 ml |

**Bulk quote request**

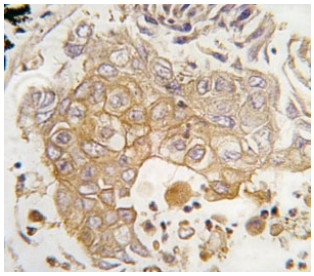
| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Human, Mouse |
| **Predicted Reactivity** | Primate |
| **Format** | Purified |
| **Host** | Rabbit |
| **Clonality** | Polyclonal (rabbit origin) |
| **Isotype** | Rabbit Ig |
| **Purity** | Purified |
| **UniProt** | P04798 |
| **Localization** | Cytoplasmic, membrane |
| **Applications** | Western blot: 1:1000<br>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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