

CYP3A7 Rabbit pAb

Catalog No.: A10026

Basic Information

Catalog No.

A10026

Observed MW

75kDa

Calculated MW

57kDa/61kDa

Category

Primary antibody

Applications

WB, IF

Cross-Reactivity

Human, Mouse, Rat

Recommended Dilutions

WB 1:500 - 1:2000

IF 1:50 - 1:200

Background

This gene encodes a member of the cytochrome P450 superfamily of enzymes, which participate in drug metabolism and the synthesis of cholesterol, steroids and other lipids. This enzyme hydroxylates testosterone and dehydroepiandrosterone 3-sulphate, which is involved in the formation of estriol during pregnancy. This gene is part of a cluster of related genes on chromosome 7q21.1. Naturally-occurring readthrough transcription occurs between this gene and the downstream CYP3A51P pseudogene and is represented by GeneID:100861540.

Immunogen Information

Gene ID

1551

Swiss Prot

P24462

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 244-503 of human CYP3A7 (NP_000756.3).

Synonyms

CYP3A7;CP37;CYPIIIA7;P-450(HFL33);P-450111A7;P450-HFLA

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

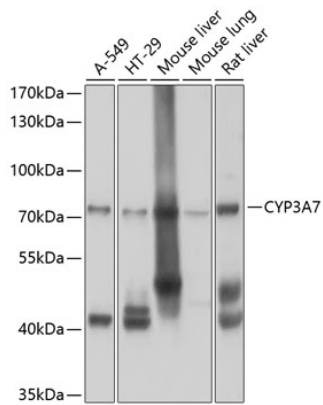
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using CYP3A7 antibody (A10026) at 1:1000 dilution.

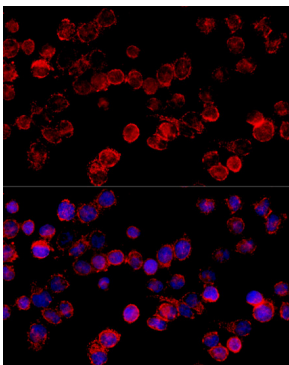
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 5s.



Immunofluorescence analysis of HeLa cells using CYP3A7 antibody (A10026) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.