

CYP3A7 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP02422
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human Cytochrome P450 3A7. AA range:231-280
Mol wt	57526
Species reactivity	Human
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	CYP3A7 Antibody
Synonyms	CYP3A7; Cytochrome P450 3A7; CYP11A7; Cytochrome P450-HFLA

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

CYP3A7 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. CYP3A7 is part of a cluster of related genes on chromosome 7q21. Naturally-occurring readthrough transcription occurs between this gene and the downstream CYP3A51P pseudogene and is represented by GeneID: 100861540.

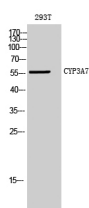
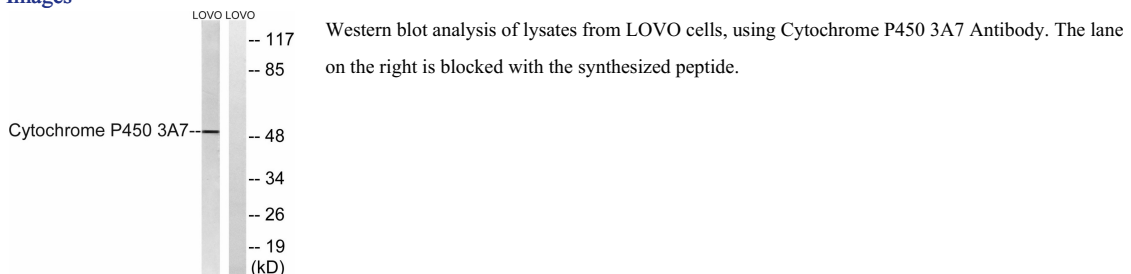
Recommended Dilution

WB: 1: 500 - 1: 2000

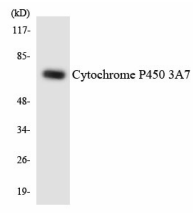
ELISA: 1: 20000

Not yet tested in other applications.

Images



Western Blot analysis of 293T cells using CYP3A7 Polyclonal Antibody diluted at 1:500



Western blot analysis of the lysates from K562 cells using Cytochrome P450 3A7 antibody.

Storage

-20°C for one year

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