



CYP3A7 rabbit pAb

Cat No.:ES4928

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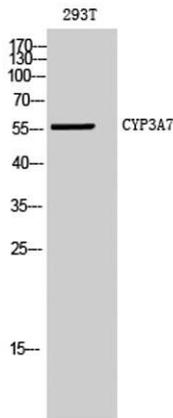
Overview

Product Name	CYP3A7 rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human Cytochrome P450 3A7. AA range:231-280
Specificity	CYP3A7 Polyclonal Antibody detects endogenous levels of CYP3A7 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Cytochrome P450 3A7
Gene Name	CYP3A7
Cellular localization	Endoplasmic reticulum membrane; Peripheral membrane protein. Microsome membrane ; Peripheral membrane protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	50kD
Human Gene ID	1551
Human Swiss-Prot Number	P24462
Alternative Names	CYP3A7; Cytochrome P450 3A7; CYP11A7; Cytochrome P450-HFLA
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

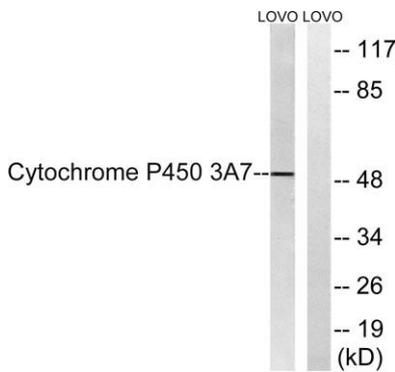




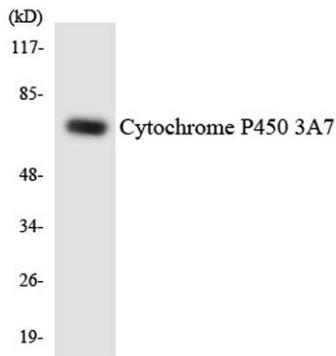
testosterone and dehydroepiandrosterone 3-sulphate, which is involved in the formation of estriol during pregnancy. This gene is part of a cluster of related genes on chromosome 7q21.1. Naturally-occurring readthrough transcription occurs between this gene and the downstream CYP3A51P pseudogene and is represented by GeneID:100861540. [provided by RefSeq, Jan 2015],



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



Western blot analysis of lysates from LOVO cells, using Cytochrome P450 3A7 Antibody. The lane on the right is blocked with the synthesized peptide.



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

