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Datasheet for ABIN7427744 anti-CYP3A7 antibody (AA 344-497)

4 Images



Overview

Quantity:	100 μL
Target:	CYP3A7
Binding Specificity:	AA 344-497
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CYP3A7 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

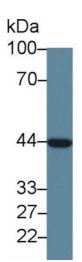
Product Details

Purpose:	Monoclonal Antibody to Cytochrome P450 3A7 (CYP3A7)
Immunogen:	Recombinant Cytochrome P450 3A7 (CYP3A7) corresdonding to Pro344~Asp497 with N- terminal His Tag
Clone:	C2
lsotype:	IgG2a kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against CYP3A7. It has been selected for its ability to recognize CYP3A7 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Pig, Rat
Purification:	Protein A + Protein G affinity chromatography

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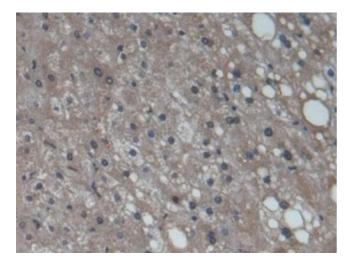
Target Details		
Target:	CYP3A7	
Alternative Name:	Cytochrome P450 3A7 (CYP3A7 Products)	
Background:	CP37, P450-HFLA, Cytochrome P450,Family 3,Subfamily A,Polypeptide 7	
Pathways:	Steroid Hormone Biosynthesis	
Application Details		
Application Notes:	Western blotting: 0.5-3 µg/mL	
	Immunohistochemistry: 5-30 µg/mL	
	Immunocytochemistry: 5-30 µg/mL	
	Optimal working dilutions must be determined by end user.	
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated	
	thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious	
	degradation and precipitation were observed. The loss rate is less than 5% within the expiration	
	date under appropriate storage condition.	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which	
	should be handled by trained staff only.	
Storage:	4 °C,-20 °C	
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without	
	detectable loss of activity. Avoid repeated freeze-thaw cycles.	
Expiry Date:	24 months	

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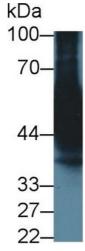
Western Blotting

Image 1. Detection of CYP3A7 in Human Lung lysate using Monoclonal Antibody to Cytochrome P450 3A7 (CYP3A7)



Immunohistochemistry

Image 2. Detection of CYP3A7 in Human Liver Tissue using Monoclonal Antibody to Cytochrome P450 3A7 (CYP3A7)



Western Blotting

Image 3. Detection of CYP3A7 in Mouse Cerebrum lysate using Monoclonal Antibody to Cytochrome P450 3A7 (CYP3A7)

Please check the product details page for more images. Overall 4 images are available for ABIN7427744.

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