

Datasheet for ABIN7433078
anti-CYP7A1 antibody (AA 227-467)

2 Images

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Overview

Quantity:	100 µL
Target:	CYP7A1
Binding Specificity:	AA 227-467
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CYP7A1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Cytochrome P450 7A1 (CYP7A1)
Immunogen:	Recombinant Cytochrome P450 7A1 (CYP7A1) corresponding to Leu227~Leu467 (Accession # Q64505)
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against CYP7A1. It has been selected for its ability to recognize CYP7A1 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

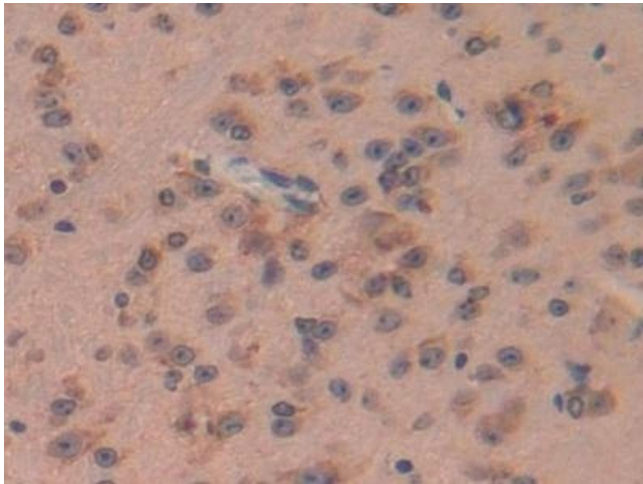
Target:	CYP7A1
Alternative Name:	Cytochrome P450 7A1 (CYP7A1 Products)
Background:	CYP7, CYP7-A1, CYPVII, Cholesterol 7 Alpha Hydroxylase, Cytochrome P450 Family 7 Subfamily A Polypeptide 1
Pathways:	Steroid Hormone Biosynthesis , Carbohydrate Homeostasis , Regulation of Lipid Metabolism by PPARalpha

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 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

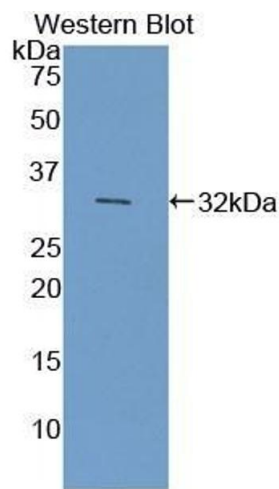
Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: 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



Immunohistochemistry

Image 1. Detection of CYP7A1 in Mouse Brain Tissue using Polyclonal Antibody to Cytochrome P450 7A1 (CYP7A1)



Western Blotting

Image 2. Detection of Recombinant CYP7A1, Mouse using Polyclonal Antibody to Cytochrome P450 7A1 (CYP7A1)