Datasheet for ABIN7235694

anti-AADAC antibody

2 Images

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Overview

Quantity:	200 µL
Target:	AADAC
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AADAC antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant protein of human AADAC
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	AADAC
Alternative Name:	AADAC (AADAC Products)
Background:	Microsomal arylacetamide deacetylase competes against the activity of cytosolic arylamine N-acetyltransferase, which catalyzes one of the initial biotransformation pathways for arylamine and heterocyclic amine carcinogens. Arylacetamide deacetylation is an important enzyme activity in the metabolic activation of arylamine substrates to ultimate carcinogens. Displays

Target Details

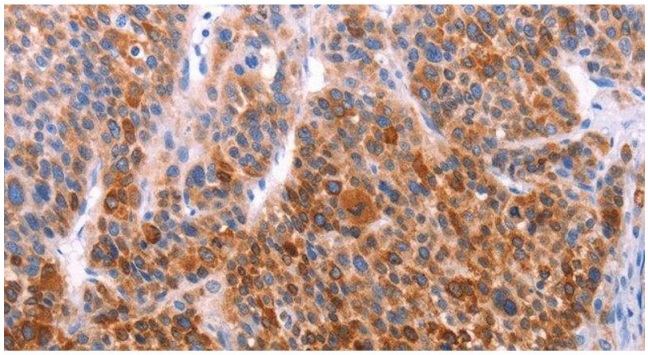
	major serine hydrolase activity in liver microsomes. Hydrolyzes also flutamide, which is an antiandrogen drug used for the treatment of prostate cancer that occasionally causes severe hepatotoxicity. Displays cellular triglyceride lipase activity in liver. Increases intracellular fatty acids derived from hydrolysis of newly formed triglyceride stores.
Molecular Weight:	46 kDa
UniProt:	P22760

Application Details

Application Notes:	WB 1:500-1:2000, IHC 1:50-1:100
Restrictions:	For Research Use only

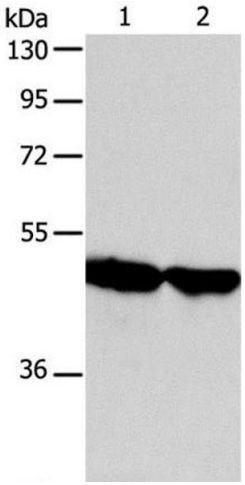
Handling

Format:	Liquid
Concentration:	0.2 mg/mL
Buffer:	PBS with 0.05 % sodium azide and 50 % glycerol, PH7.4
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:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Human liver cancer using AADAC Polyclonal Antibody at dilution of 1:30



Western Blotting

Image 2. Western Blot analysis of Human fetal liver and liver cancer tissue using AADAC Polyclonal Antibody at dilution of 1:600