Datasheet for ABIN6258063

anti-CYP2C8 antibody

2 Images

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Overview

Quantity:	100 µL
Target:	CYP2C8
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CYP2C8 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	A synthesized peptide
Isotype:	IgG
Specificity:	Cytochrome P450 2C8 Antibody detects endogenous levels of total Cytochrome P450 2C8
Cross-Reactivity:	Human, Mouse (Murine)
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Target Details

Target:	CYP2C8
Alternative Name:	Cytochrome P450 2C8 (CYP2C8 Products)
Background:	Description: Cytochromes P450 are a group of heme-thiolate monooxygenases. In liver

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Target Details

	microsomes, this enzyme is involved in an NADPH-dependent electron transport pathway. It oxidizes a variety of structurally unrelated compounds, including steroids, fatty acids, and xenobiotics. In the epoxidation of arachidonic acid it generates only 14,15- and 11,12-cis-epoxyeicosatrienoic acids. It is the principal enzyme responsible for the metabolism the anti-cancer drug paclitaxel (taxol). Gene: CYP2C8
Molecular Weight:	0 kDa
Gene ID:	1558
UniProt:	P10632

Application Details

Application Notes:	IHC: 1:50~1:200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 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:	-20 °C
Storage Comment:	Store at -20 °C.Stable for 12 months from date of receipt
Expiry Date:	12 months

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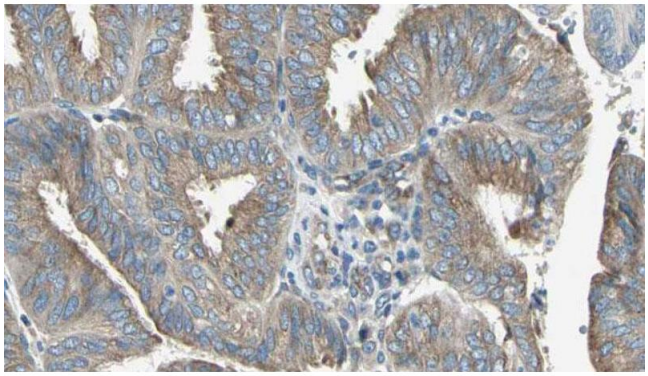
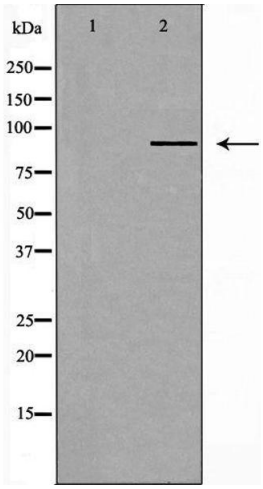


Immunohistochemistry

Image 1. ABIN6274646 at 1/100 staining Human cervical cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



Western Blotting

Image 2. Western blot analysis of extracts from rat brain cells, using Cytochrome P450 2C8 Antibody.The lane on the left is treated with the antigen-specific peptide.

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