

Datasheet for ABIN6258489

anti-CYP2A7 antibody**2** Images[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	CYP2A7
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CYP2A7 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	A synthesized peptide
Isotype:	IgG
Specificity:	Cytochrome P450 2A7 detects endogenous levels of total Cytochrome P450 2A7
Cross-Reactivity:	Human, Mouse (Murine)
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Target Details

Target:	CYP2A7
Alternative Name:	Cytochrome P450 2A7 (CYP2A7 Products)
Background:	Description: Cytochromes P450 are a group of heme-thiolate monooxygenases. In liver

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.
Gene: CYP2A7

Molecular Weight: 57 kDa

Gene ID: 1549

UniProt: [P20853](#)

Application Details

Application Notes: WB 1:500~1:1000 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.

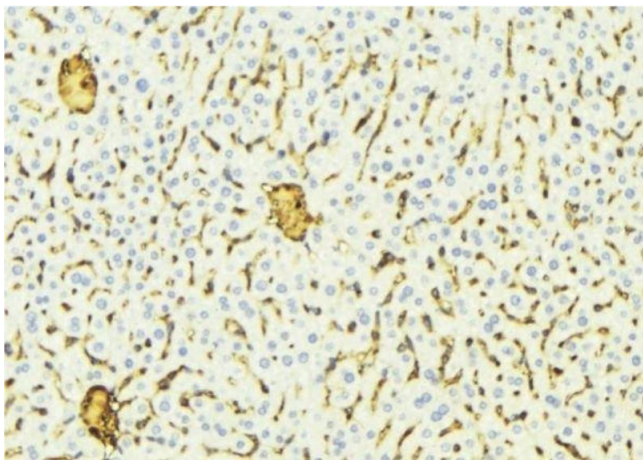
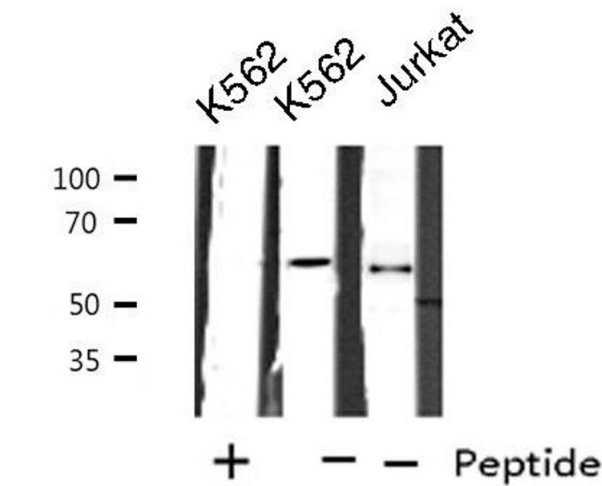
Preservative: Sodium azide

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



Western Blotting

Image 1. Western blot analysis of extracts from K562/Jurkat cells, using CYP2A7 antibody.

Immunohistochemistry

Image 2. ABIN6275819 at 1/100 staining Mouse liver 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