

Datasheet for ABIN7184442
anti-CYP2A6 antibody (N-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	CYP2A6
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CYP2A6 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Synthesized peptide derived from N-terminal of Human Cytochrome P450 2A6.
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Target Details

Target:	CYP2A6
Alternative Name:	CYP2A6 (CYP2A6 Products)
Background:	Background: Exhibits a high coumarin 7-hydroxylase activity. Can act in the hydroxylation of the

Target Details

anti-cancer drugs cyclophosphamide and ifosphamide. Competent in the metabolic activation of aflatoxin B1. Constitutes the major nicotine C-oxidase. Acts as a 1,4-cineole 2-exo-monooxygenase. Possesses low phenacetin O-deethylation activity.

Miles J.S., *Acids Res.* 17:2907-2917(1989).

Yamano S., *Biochemistry* 29:1322-1329(1990).

Saito S., *J. Hum. Genet.* 48:249-270(2003).

Aliases: Coumarin 7 hydroxylase antibody, Coumarin 7-hydroxylase antibody, CP2A6_HUMAN antibody, CPA6 antibody, CYP2A antibody, CYP2A3 antibody, CYP2A6 antibody, CYP1A6 antibody, Cytochrome P450 2A6 antibody, Cytochrome P450 IIA3 antibody, Cytochrome P450 subfamily IIA (phenobarbital inducible) polypeptide 6 antibody, Cytochrome P450(I) antibody, Cytochrome P450, family 2 subfamily A polypeptide 6 antibody, Flavoprotein linked monooxygenase antibody, P450C2A antibody, P450PB antibody, Xenobiotic monooxygenase antibody

UniProt: [P11509](#)

Application Details

Application Notes: WB:1:500-1:3000,

Restrictions: For Research Use only

Handling

Format: Liquid

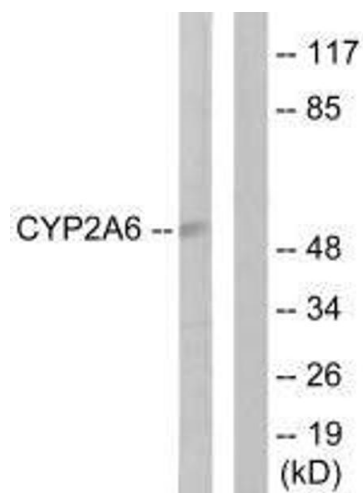
Buffer: Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.

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, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Western Blotting

Image 1. Western blot analysis of extracts from Jurkat cells, using Cytochrome P450 2A6 antibody.