

Product datasheet

Anti-CYP4X1 antibody - N-terminal ab80219

1 Image

Overview

Product name	Anti-CYP4X1 antibody - N-terminal
Description	Rabbit polyclonal to CYP4X1 - N-terminal
Host species	Rabbit
Tested applications	Suitable for: WB, ELISA
Species reactivity	Reacts with: Human
Immunogen	KLH conjugated synthetic peptide selected from the N terminal region of Human CYP4X1.
Positive control	T47D cell line lysate.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	Preservative: 0.09% Sodium Azide Constituents: PBS
Purity	Ammonium Sulphate Precipitation
Purification notes	ab80219 is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab80219** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/50 - 1/100. Predicted molecular weight: 59 kDa.
ELISA		1/1000.

Target

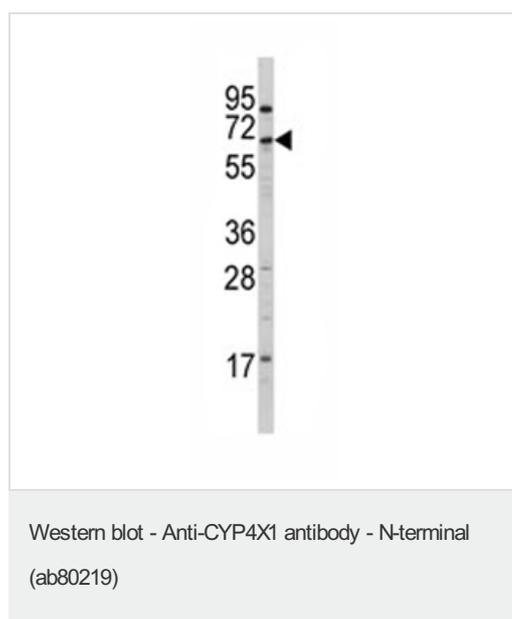
Relevance

CYP4X1 is a member of the cytochrome P450 superfamily of enzymes. The cytochrome P450 proteins are monooxygenases which catalyze many reactions involved in drug metabolism and synthesis of cholesterol, steroids and other lipids. The expression pattern of a similar rat protein suggests that this protein may be involved in neurovascular function in the brain. Catalytic activity: $\text{RH} + \text{reduced flavoprotein} + \text{O}_2 = \text{ROH} + \text{oxidized flavoprotein} + \text{H}_2\text{O}$.

Cellular localization

Endoplasmic reticulum membrane; Peripheral membrane protein. Microsome membrane; Peripheral membrane protein.

Images



Anti-CYP4X1 antibody - N-terminal (ab80219)
at 1/50 dilution + T47D cell line lysate at 35 μg

Predicted band size: 59 kDa

Observed band size: 70 kDa

Additional bands at: 17 kDa, 90 kDa. We are unsure as to the identity of these extra bands.

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