

## Catalog #: 5245

### Aliases

CYP27A1; Cytochrome P450 Family 27 Subfamily A Member 1; CYP27; CP27; CTX; Cytochrome P450, Subfamily XXVIIA (Steroid 27-Hydroxylase, Cerebrotendinous Xanthomatosis), Polypeptide 1; Cytochrome P450, Family 27, Subfamily A, Polypeptide 1; Sterol 26-Hydroxylase, Mitochondrial; Vitamin D(3) 25-Hydroxylase; Cytochrome P-450C27/25; Sterol 27-Hydroxylase; Cytochrome P450 27; 5-Beta-Cholestane-3-Alpha, 7-Alpha, 12-Alpha-Triol 26-Hydroxylase; 5-Beta-Cholestane-3-Alpha, 7-Alpha, 12-Alpha-Triol 27-Hydroxylase; 5-Beta-Cholestane-3-Alpha,7-Alpha,12-Alpha-Triol 26-Hydroxylase; Cholestanetriol 26-Monooxygenase; Cerebrotendinous Xanthomatosis; EC 1.14.15.15

### Background

Gene Name: CYP27A1

NCBI Gene Entry: [1593](#)

UniProt Entry: [Q02318](#)

### Application Information

Molecular Weight: Predicted, 60 kDa; observed, 53 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 25GB330

Species Reactivity: Human

Applications Tested: Western blotting (WB)

### Immunogen

A synthesized peptide derived from human CYP27A1

### Isotype

Rabbit IgG

### Storage Buffer

Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.

### Storage

Store at -20 °C for one year.

### Recommended Dilutions

Western Blotting (WB): 1:1,000-1:5,000

---

#### SUPPORT

SUPPORT@GENUINBIOTECH.COM  
TEL: +1-540-855-7041

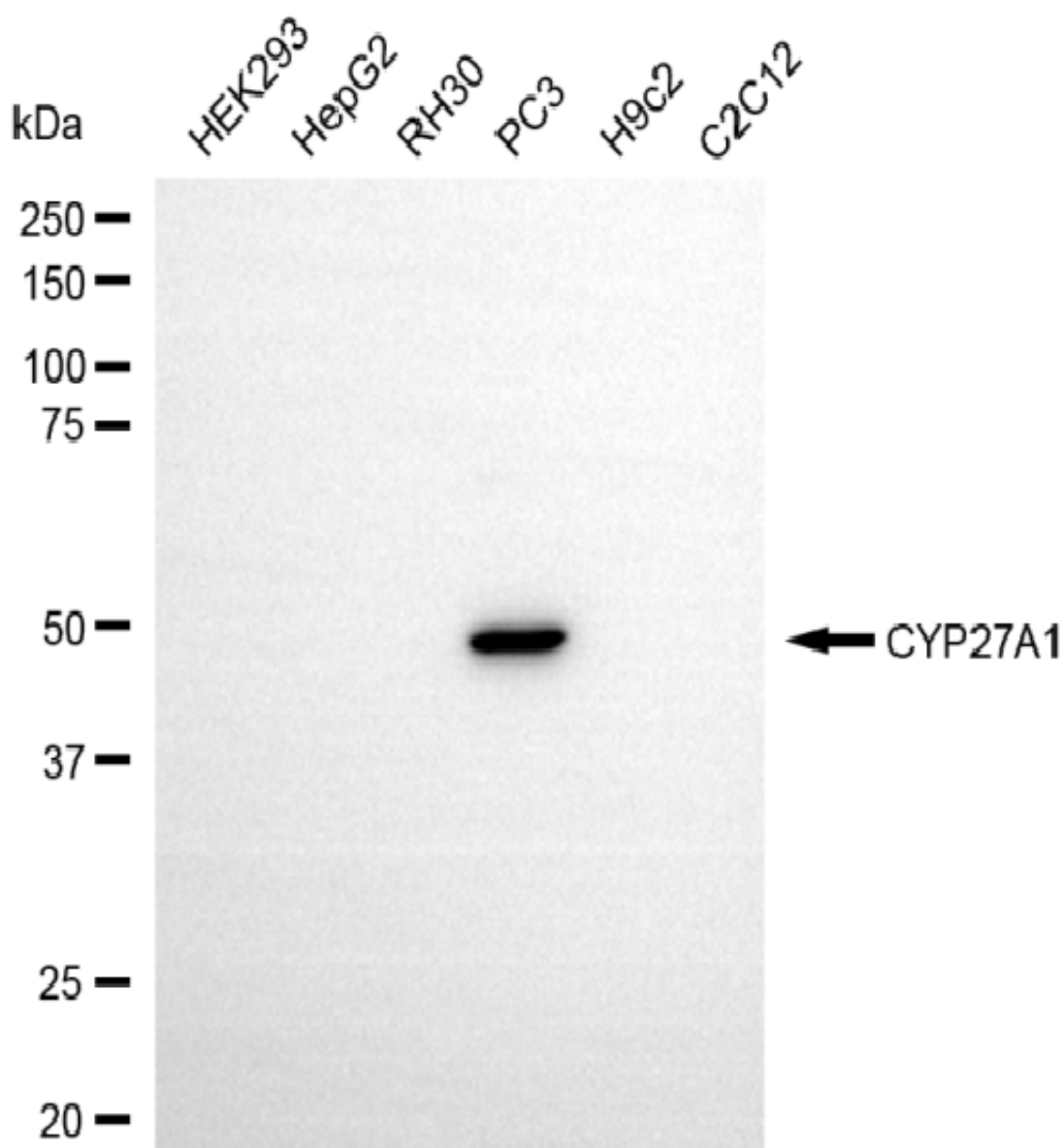
#### ORDERS

SALES@GENUINBIOTECH.COM  
FAX: +1-540-855-7041

[WWW.GENUINBIOTECH.COM](http://WWW.GENUINBIOTECH.COM)

**Note:** This product is for research use only.

## Validation Data



Copyright ©2025 Genuin Biotechnologies LLC

Western blotting analysis using anti-CYP27A1 antibody (Cat#5245). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-CYP27A1 antibody (Cat#5245, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).

### SUPPORT

SUPPORT@GENUINBIOTECH.COM  
TEL: +1-540-855-7041

### ORDERS

SALES@GENUINBIOTECH.COM  
FAX: +1-540-855-7041

WWW.GENUINBIOTECH.COM