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Datasheet for ABIN7091022  
**anti-CYP27B1 antibody (AA 411-510)**

### Overview

Quantity:	100 µL
Target:	CYP27B1
Binding Specificity:	AA 411-510
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CYP27B1 antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CYP27B1
Clone:	G4E2
Isotype:	IgG1
Predicted Reactivity:	Human
Purification:	Purified by Protein G.

### Target Details

Target:	CYP27B1
Alternative Name:	CYP27B1 ( <a href="#">CYP27B1 Products</a> )
Background:	Synonyms: 1alpha(OH)ase, 25-hydroxyvitamin D(3) 1-alpha-hydroxylase, 25-hydroxyvitamin D-1

## Target Details

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alpha hydroxylase, 25-OHD-1 alpha-hydroxylase, Calcidiol 1-monooxygenase, CP27B\_HUMAN, CP2B, CYP1, CYP1ALPHA, CYP27B, Cytochrome p450 27B1, Cytochrome p450 27B13, Cytochrome P450 family 27 subfamily B polypeptide 1, Cytochrome P450 subfamily XXVIIB (25-hydroxyvitamin D-1-alpha-hydroxylase) polypeptide 1, Cytochrome P450 subfamily XXVIIB polypeptide 1, Cytochrome P450C1 alpha, Cytochrome P450VD1-alpha, mitochondrial, P450C1 alpha, P450c1, P450C1-alpha, P450VD1-alpha, PDDR, VD3 1A hydroxylase, VDD1, VDDR, VDDR I, VDDRI, VDR.

Background: Catalyzes the conversion of 25-hydroxyvitamin D3 (25(OH)D) to 1-alpha,25-dihydroxyvitamin D3 (1,25(OH)2D) plays an important role in normal bone growth, calcium metabolism, and tissue differentiation.

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Gene ID: 1594

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UniProt: [O15528](#)

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Pathways: [Metabolism of Steroid Hormones and Vitamin D](#)

## Application Details

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Application Notes: WB 1:300-5000

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Restrictions: For Research Use only

## Handling

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Concentration: 0.5 µg/µL

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Buffer: 0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

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Preservative: ProClin

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Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Storage: 4 °C,-20 °C

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Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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Expiry Date: 12 months