



# Human CYP26B1 blocking peptide (CDBP0940)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	Blocking/Immunizing peptide for anti-CYP26B1 antibody
<b>Antigen Description</b>	This gene encodes a member of the cytochrome P450 superfamily. The cytochrome P450 proteins are monooxygenases which catalyze many reactions involved in drug metabolism and synthesis of cholesterol, steroids and other lipids. The encoded protein is localized to the endoplasmic reticulum, and functions as a critical regulator of all-trans retinoic acid levels by the specific inactivation of all-trans retinoic acid to hydroxylated forms. Mutations in this gene are associated with radiohumeral fusions and other skeletal and craniofacial anomalies, and increased levels of the encoded protein are associated with atherosclerotic lesions. Alternative splicing results in multiple transcript variants.
<b>Species</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Apuri, BL, ELISA
<b>Format</b>	Lyophilized powder
<b>Size</b>	100 µg
<b>Preservative</b>	None
<b>Storage</b>	Shipped at ambient temperature, store at -20°C.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">CYP26B1 cytochrome P450, family 26, subfamily B, polypeptide 1 [ Homo sapiens ]</a>
<b>Official Symbol</b>	CYP26B1

<b>Synonyms</b>	CYP26B1; cytochrome P450, family 26, subfamily B, polypeptide 1; cytochrome P450 26B1; P450RAI 2; cytochrome P450 26A2; cytochrome P450RAI-2; cytochrome P450 CYP26B1 variant 2; retinoic acid-metabolizing cytochrome; cytochrome P450 retinoic acid-inactivating 2; cytochrome P450 retinoid metabolizing protein; RHFCA; CYP26A2; P450RAI2; P450RAI-2; MGC129613; DKFZp686G0638;
<b>Entrez Gene ID</b>	<a href="#">56603</a>
<b>mRNA Refseq</b>	<a href="#">NM_019885</a>
<b>Protein Refseq</b>	<a href="#">NP_063938</a>
<b>UniProt ID</b>	Q9NR63
<b>Chromosome Location</b>	2p12
<b>Pathway</b>	Adipogenesis, organism-specific biosystem; Biological oxidations, organism-specific biosystem; Cytochrome P450 - arranged by substrate type, organism-specific biosystem; Metabolism, organism-specific biosystem; Phase 1 - Functionalization of compounds, organism-specific biosystem; Retinol metabolism, organism-specific biosystem; Retinol metabolism, conserved biosystem;
<b>Function</b>	electron carrier activity; heme binding; metal ion binding; retinoic acid 4-hydroxylase activity; retinoic acid binding;