

Datasheet for ABIN1714720

anti-CYP26A1 antibody (AA 101-200)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	CYP26A1
Binding Specificity:	AA 101-200
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CYP26A1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunocytochemistry (ICC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CYP26A1
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Dog,Cow,Sheep,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	CYP26A1
Alternative Name:	CYP26A1 (CYP26A1 Products)

Target Details

Background:	<p>Synonyms: CP26, CP26A_HUMAN, CYP26, CYP26A 1, cyp26a1, Cytochrome P450 26A1, Cytochrome P450 family 26 subfamily A polypeptide 1, Cytochrome P450 retinoic acid-inactivating 1, cytochrome P450, family 26, subfamily A, polypeptide 1, cytochrome P450, subfamily XXVIA, polypeptide 1, Cytochrome P450RAI, hP450RAI, OTTHUMP00000020102, OTTHUMP00000020103, P450, P450 retinoic acid inactivating 1, P450RAI, P450RAI1, Retinoic acid 4 hydroxylase, Retinoic acid 4-hydroxylase, Retinoic acid metabolizing cytochrome, Retinoic acid-metabolizing cytochrome.</p> <p>Background: The cytochrome P450 proteins (CYPs) are monooxygenases that catalyze many reactions involved in drug metabolism and synthesis of cholesterol, steroids, and other lipids. P450 enzymes are classified into subfamilies based on their sequence similarities. CYP26A1 is a major retinoic acid catabolic enzyme. CYP26A1 plays an important role in protecting tailbud tissues from inappropriate exposure to retinoic acid. CYP26A1 transcription is epigenetically regulated by nuclear retinoic acid receptor 2. Mutations in the gene encoding for CYP26A1 are associated with caudal agenesis and spina bifida, imperforate anus, agenesis of the caudal portions of the digestive and urogenital tracts, and malformed lumbosacral skeletal elements. CYP26A1 is upregulated in adenomatous polyposis coli mouse adenomas, human FAP adenomas, human sporadic colon carcinomas, and in the intestine of adenomatous polyposis coli (apcmcr) mutant zebrafish embryos.</p>
Gene ID:	1592
Pathways:	Retinoic Acid Receptor Signaling Pathway , Monocarboxylic Acid Catabolic Process

Application Details

Application Notes:	<p>WB 1:300-5000</p> <p>ELISA 1:500-1000</p> <p>IHC-P 1:200-400</p> <p>IHC-F 1:100-500</p> <p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p> <p>ICC 1:100-500</p>
Restrictions:	For Research Use only

Handling

Format:	Liquid
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Handling

Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months