

Rabbit anti-Human, Rat CYP26A1 Monoclonal Antibody | anti-CYP26A1 antibody

CYP26A1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312646	Rabbit	Human, Rat	Immunohistochemistry, Western Blot

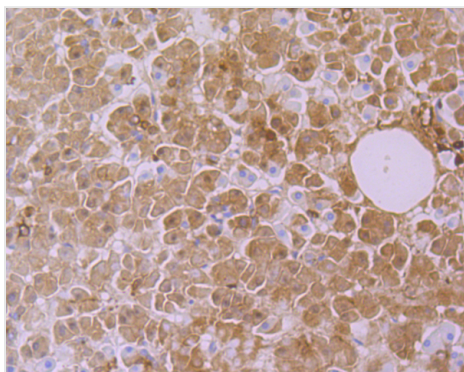
PRODUCT SYNONYMS

CYP26A1; Monoclonal Antibody; CYP26A1 Antibody; CP26 antibody; CP26A_HUMAN antibody; CYP26 antibody; CYP26A 1 antibody; cyp26a1 antibody; Cytochrome P450 26A1 antibody; Cytochrome P450 family 26 subfamily A polypeptide 1 antibody; Cytochrome P450 retinoic acid-inactivating 1 antibody; cytochrome P450; family 26; subfamily A; polypeptide 1 antibody; subfamily XXVIA; Cytochrome P450RAI antibody; hP450RAI antibody; OTTHUMP00000020102 antibody; OTTHUMP00000020103 antibody; P450 antibody; P450 retinoic acid inactivating 1 antibody; P450RAI antibody; P450RAI1 antibody; Retinoic acid 4 hydroxylase antibody; Retinoic acid 4-hydroxylase antibody; Retinoic acid metabolizing cytochrome antibody; Retinoic acid-metabolizing cytochrome antibody; anti-CYP26A1 antibody

PRODUCT SPECIFICATIONS

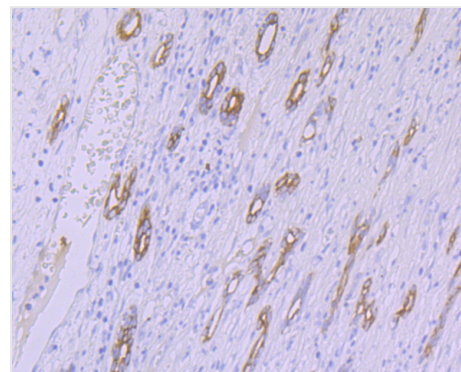
Host	Rabbit
Reactivity	Human, Rat
Clonality	Monoclonal
Clone Number	JG33-98
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-CYP26A1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein corresponding to human CYP26A1 aa 200-400.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



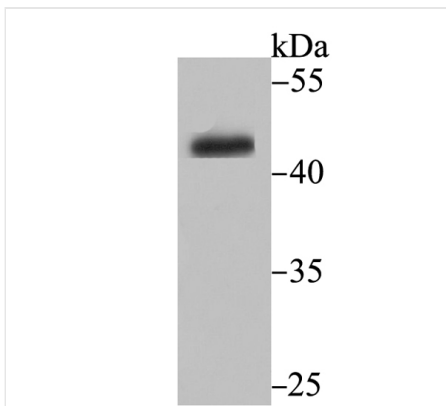
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human pancreas tissue using anti-CYP26A1 antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human liver tissue using anti-CYP26A1 antibody. Counter stained with hematoxylin.



WB (Western Blot)

Western blot analysis of CYP26A1 on HepG2 cell lysate using anti-CYP26A1 antibody at 1/500 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-CYP26A1 antibody	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, also referred to as retinoic acid-4-hydroxylase, 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 beta 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.
Product Categories/Family for anti-CYP26A1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	16933530
NCBI GeneID	1592
NCBI Accession #	NP_000774.2
NCBI GenBank Nucleotide #	NM_000783.3
UniProt Accession #	O43174; Q5VXH9; Q5VXI0; B3KNI4
Molecular Weight	56,199 Da
NCBI Official Full Name	cytochrome P450 26A1 isoform 1
NCBI Official Synonym Full Names	cytochrome P450, family 26, subfamily A, polypeptide 1
NCBI Official Symbol	CYP26A1
NCBI Official Synonym Symbols	CP26; CYP26; P450RAI; P450RAI1
NCBI Protein Information	cytochrome P450 26A1; hP450RAI; cytochrome P450RAI; retinoic acid 4-hydroxylase; P450, retinoic acid-inactivating, 1; retinoic acid-metabolizing cytochrome; cytochrome P450 retinoic acid-inactivating 1; cytochrome P450, subfamily XXVIA, polypeptide 1
UniProt Protein Name	Cytochrome P450 26A1
UniProt Gene Name	CYP26A1
UniProt Synonym Gene Names	CYP26; P450RAI1; Cytochrome P450RAI; hP450RAI
UniProt Entry Name	CP26A_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/monoclonal/cyp26a1-antibody-clone-jg33-98-immunohistochemistry-western-blot-elisa/312646>