

CYP26A1 Rabbit mAb

Catalog No: #49877



Package Size: #49877-1 50ul #49877-2 100ul

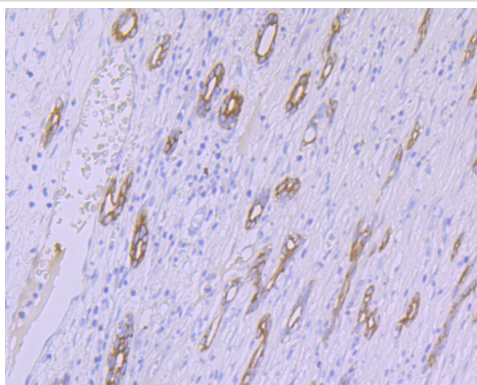
Orders: order@signalwayantibody.com
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Description	
Product Name	CYP26A1 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	JG33-98
Purification	ProA affinity purified
Applications	WB,IHC
Species Reactivity	Hu, Rt
Immunogen Description	Recombinant protein corresponding to human CYP26A1 aa 200-400.
Other Names	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 cytochrome P450, subfamily XXVIA, polypeptide 1 antibody 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
Accession No.	Swiss-Prot#:O43174
Uniprot	O43174
GeneID	1592;
Calculated MW	48 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

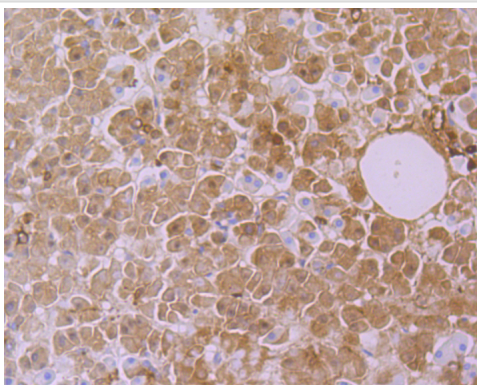
Application Details	
WB: 1:500-1:1,000 IHC: 1:50-1:200	

Images

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



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



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

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, 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 β 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.

References

Note: This product is for in vitro research use only