

anti- CYP26B1 antibody

Product Information

Catalog No.:	FNab02152
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Background

Involved in the metabolism of retinoic acid(RA), rendering this classical morphogen inactive through oxidation. Involved in the specific inactivation of all-trans-retinoic acid(all-trans-RA), with a preference for the following substrates: all-trans-RA > 9-cis-RA > 13-cis-RA. Generates several hydroxylated forms of RA, including 4-OH-RA, 4-oxo-RA, and 18-OH-RA. Essential for postnatal survival. Plays a central role in germ cell development: acts by degrading RA in the developing testis, preventing STRA8 expression, thereby leading to delay of meiosis. Required for the maintenance of the undifferentiated state of male germ cells during embryonic development in Sertoli cells, inducing arrest in G0 phase of the cell cycle and preventing meiotic entry. Plays a role in skeletal development, both at the level of patterning and in the ossification of bone and the establishment of some synovial joints. Has also a significant activity in oxidation of tazarotenic acid and may therefore metabolize that xenobiotic in vivo.

Immunogen information

Immunogen:	cytochrome P450, family 26, subfamily B, polypeptide 1
Synonyms:	CYP26A2, P450RAI2
Observed MW:	58-60 kDa
UniprotID :	Q9NR63

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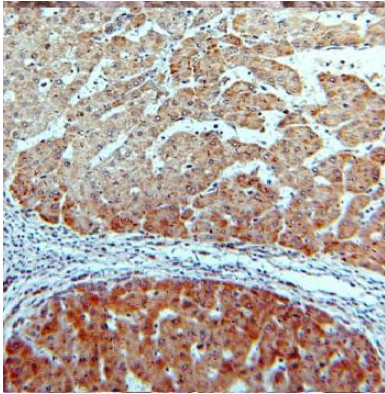
Application

Reactivity: Human, Mouse, Rat

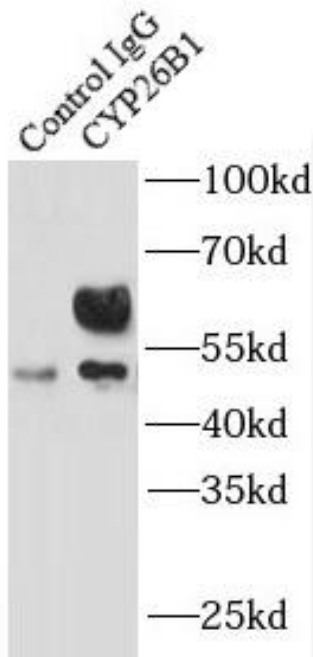
Tested Application: ELISA, WB, IHC, IF, IP

Recommended dilution: WB: 1:500-1:2000; IP: 1:200-1:1000; IHC: 1:20-1:200; IF: 1:20-1:200

Image:



Immunohistochemistry of paraffin-embedded human hepatocirrhosis using FNab02152(CYP26B1 antibody) at dilution of 1:50



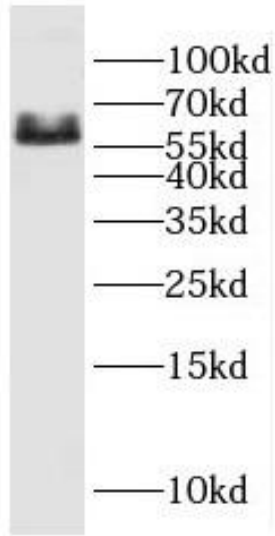
IP Result of anti-CYP26B1 (IP:FNab02152, 4ug; Detection:FNab02152 1:500) with L02 cells lysate 2400ug.

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human brain tissue were subjected to SDS PAGE followed by western blot with FNab02152(CYP26B1 antibody) at dilution of 1:500