

Rabbit CYP26B1 Polyclonal Antibody | anti-CYP26B1 antibody

CYP26B1 Polyclonal Antibody

CATALOG # AAA296489	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot
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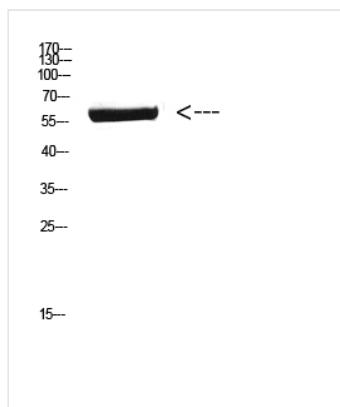
PRODUCT SYNONYMS

CYP26B1; Polyclonal Antibody; CYP26B1 Polyclonal Antibody; CYP26B1 CYP26A2 P450RAI2; anti-CYP26B1 antibody

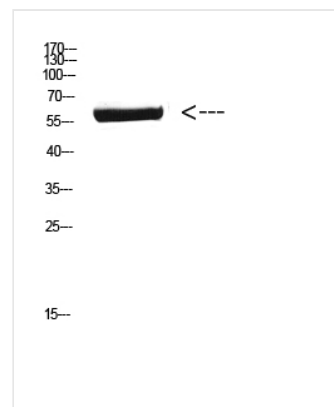
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Applicable Applications for anti-CYP26B1 antibody	WB (Western Blot)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

Dilution: WB 1:500-2000, ELISA 1:10000-20000


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ADDITIONAL INFORMATION

Related Product Information for anti-CYP26B1 antibody

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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	9845285
NCBI GeneID	56603
NCBI Accession #	NP_063938.1
NCBI GenBank Nucleotide #	NM_019885.3
UniProt Accession #	Q9NR63; Q32MC0; Q53TW1; Q9NP41; B2R8M7; B7Z2K6; B7Z2P4; B7Z3B8; E4W5W7
Molecular Weight	55,756 Da
NCBI Official Full Name	cytochrome P450 26B1 isoform 1
NCBI Official Synonym Full Names	cytochrome P450, family 26, subfamily B, polypeptide 1
NCBI Official Symbol	CYP26B1
NCBI Official Synonym Symbols	RHFCA; CYP26A2; P450RAI2; P450RAI-2
NCBI Protein Information	cytochrome P450 26B1; retinoic acid-metabolizing cytochrome; cytochrome P450 retinoic acid-inactivating 2; cytochrome P450 retinoid metabolizing protein; cytochrome P450, subfamily XXVIB, polypeptide 1
UniProt Protein Name	Cytochrome P450 26B1
UniProt Gene Name	CYP26B1
UniProt Synonym Gene Names	CYP26A2; P450RAI2; Cytochrome P450RAI-2
UniProt Entry Name	CP26B_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cyp26b1-antibody-western-blot-elisa/296489>