

Rabbit anti-Human, mouse CYP26A1 Polyclonal Antibody | anti-CYP26A1 antibody

CYP26A1 Antibody (C-term)

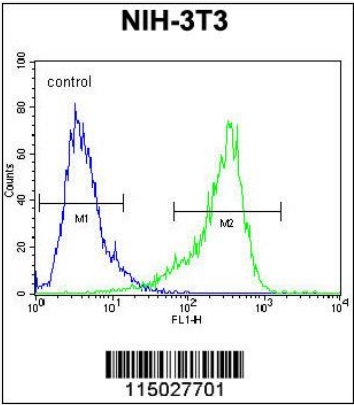
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288472	Rabbit	Human, mouse	Western Blot, Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

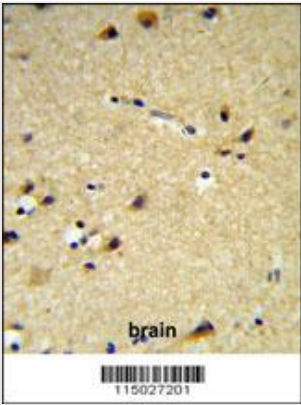
CYP26A1; Polyclonal Antibody; CYP26A1 Antibody (C-term); Cytochrome P450 26A1; 114--; Cytochrome P450 retinoic acid-inactivating 1; Cytochrome P450RAI; hP450RAI; Retinoic acid 4-hydroxylase; Retinoic acid-metabolizing cytochrome; CYP26; P450RAI1; anti-CYP26A1 antibody

PRODUCT SPECIFICATIONS

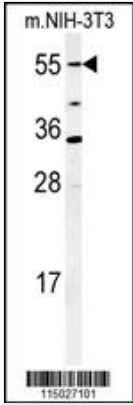
Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CYP26A1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 467-497 amino acids from the C-terminal region of human CYP26A1.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	467-497
Sequence Length	428
Applicable Applications for anti-CYP26A1 antibody	WB (Western Blot), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
CYP26A1 Antibody (C-term) flow cytometric analysis of NIH-3T3 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
CYP26A1 Antibody (C-term) IHC analysis in formalin fixed and paraffin embedded brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the CYP26A1 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of CYP26A1 Antibody (C-term) in mouse NIH-3T3 cell lysates (35ug/lane).CYP26A1 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-CYP26A1 antibody	CYP26A1 is a member of the cytochrome P450 superfamily of enzymes. The cytochrome P450 proteins are monooxygenases which catalyze many reactions involved in drug metabolism and synthesis of cholesterol, steroids and other lipids.This endoplasmic reticulum protein acts on retinoids, including all-trans-retinoic acid (RA), with both 4-hydroxylation and 18-hydroxylation activities. This enzyme regulates the cellular level of retinoic acid which is involved in regulation of gene expression in both embryonic and adult tissues.
Product Categories/Family for anti-CYP26A1 antibody	Cardiovascular; Metabolism; Signal transduction
References	Quere,R., Blood 109 (10), 4450-4460 (2007) Lee,S.J., Pharmacogenet. Genomics 17 (3), 169-180 (2007) Heise,R., J. Invest. Dermatol. 126 (11), 2473-2480 (2006)

NCBI AND UNIPROT INFORMATION

NCBI GI #	16933530
NCBI GeneID	1592
NCBI Accession #	NP_000774.2; NP_476498.1
NCBI GenBank Nucleotide #	NM_000783.3
UniProt Accession #	O43174; Q5VXH9; Q5VXI0; B3KNI4

Molecular Weight	56199
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
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cyp26a1-antibody-western-blot-flow-cytometry-immunohistochemistry-elisa/288472>