

DNAxPAb

Hard-to-Find
Antibody

CYP26A1 DNAxPab

Catalog # H00001592-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human CYP26A1 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MKRRKYGFYKTHLFGRPTVRVMGADNVRILLGEHRLVSVHWPASVRTILGSGCLSNLHDSSHK QRKKVIMRAFSREALECYVPVITEEVGSSLEQWLSCGERGLLVYPEVKRLMFRIAMRILLGCEPQL AGDGDSEQQQLVEAFEEMTRNLFSLPIDVPFSGLYRGMKARNLIHARIEQNIRAKICGLRASEAGQG CKDALQLLIEHSWERGERLDMQALKQSSTELLFGGHETTASAATSLITYLGLYPHVLQKVREELKS KGLLCKSNQDNKLDMEILEQLKYIGCVIKETLRLNPPVPGGFRVALKTFELNGYQIPKGWNVIYSICD THDVAEIFTNKEEFNPDRFMLPHPEDASRFSFIPFGGGLRSCVGKEFAKILLKIFTVELARHCDWQ LLNGPPTMKTSPTVYPVDNLPARFTHFHGEI
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — CYP26A1

Entrez GeneID [1592](#)

GeneBank Accession# [NM_057157.1](#)

Protein Accession# [NP_476498.1](#)

Gene Name CYP26A1

Gene Alias CP26, CYP26, P450RAI, P450RAI1

Gene Description cytochrome P450, family 26, subfamily A, polypeptide 1

Omim ID [602239](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes 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. Two alternatively spliced transcript variants of this gene, which encode the distinct isoforms, have been reported. [provided by RefSeq]

Other Designations OTTHUMP00000020102|OTTHUMP00000020103|P450, retinoic acid-inactivating, 1|cytochrome P450, subfamily XXVIA, polypeptide 1|retinoic acid 4-hydroxylase|retinoic acid-metabolizing cytochrome

Pathway

- [Retinol metabolism](#)

Disease

- [Alzheimer disease](#)
- [Cardiovascular Diseases](#)
- [Dementia](#)

- [Diabetes Complications](#)
- [Genetic Predisposition to Disease](#)
- [Glaucoma](#)
- [Kidney Diseases](#)
- [Meningomyelocele](#)
- [Metabolic Syndrome X](#)
- [Neoplasms](#)
- [Osteoporosis](#)
- [Schizophrenia](#)
- [Spinal Cord Diseases](#)
- [Spinal Dysraphism](#)
- [Vitamin A Deficiency](#)