

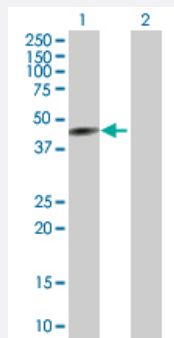
MaxPab®

CYP26A1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00001592-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of CYP26A1 expression in transfected 293T cell line ([H00001592-T01](#)) by CYP26A1 MaxPab polyclonal antibody.

Lane 1: CYP26A1 transfected lysate(47.08 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human CYP26A1 protein.

Immunogen

CYP26A1 (NP_476498.1, 1 a.a. ~ 428 a.a) full-length human protein.

Sequence

MKRRKYGFYKTHLFGRPTVRVMGADNVRILLGEHRLVSVHWPASVRTILGSGCLSNLHDSSHK
QRKKVIMRAFSREALECYVPVITEEVGSSLEQWLSCGERGLLVPEVKRLMFRIAMRILLGCEPQL
AGDGDSEQQQLVEAFEEMTRNLFSLPIDVPFSGLYRGMKARNLIHARIEQNIRAKICGLRASEAGQG
CKDALQLLIEHSWERGERLDMQALKQSSTELLFGGHETTASAATSLITYLGLYPHVLQKVREELKS
KGLLCKSNQDNKLDMEILEQLKYIGCVIKETLRNPPVPGGFRVALKTFELNGYQIPKGWNVIYSICD
THDVAEIFTNKEEFNPDRFMLPHPEDASRFSFIPFGGGLRSCVGKEFAKILLKIFTVELARHCDWQ
LLNGPPTMKTSPTVYPVDNLPARFTHFHGEI

Host

Mouse

Reactivity

Human

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.

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[Protocol Download](#)

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](#)