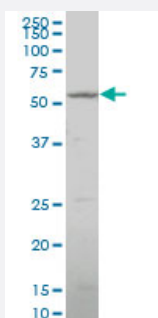


CYP26B1 polyclonal antibody (A01)

Catalog # H00056603-A01

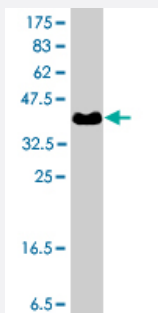
Size 50 uL

Applications



Western Blot (Cell lysate)

CYP26B1 polyclonal antibody (A01), Lot # ORU0060223QCS1 Western Blot analysis of CYP26B1 expression in K-562 (Cat # L009V1).



Western Blot detection against Immunogen (37.11 KDa) .

Specification

Product Description

Mouse polyclonal antibody raised against a partial recombinant CYP26B1.

Immunogen

CYP26B1 (NP_063938, 131 a.a. ~ 230 a.a) partial recombinant protein with GST tag.

Sequence

SNSIGDIHRNKRKVF~~SKIF~~SHEALESYLPKIQLVIQDTLRAWSSHP~~EAIN~~VYQEAQKLTFRMAIRVLLGFSIPEEDLGHLFEVYQQFVDNVFSLPVDLPF

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence

Mouse (96); Rat (95)

Quality Control Testing

Antibody Reactive Against Recombinant Protein.
Western Blot detection against Immunogen (37.11 KDa) .

Storage Buffer

50 % glycerol

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

CYP26B1 polyclonal antibody (A01), Lot # ORU0060223QCS1 Western Blot analysis of CYP26B1 expression in K-562 (Cat # L009V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — CYP26B1

Entrez GeneID

[56603](#)

GeneBank Accession#

[NM_019885](#)

Protein Accession#

[NP_063938](#)

Gene Name

CYP26B1

Gene Alias

CYP26A2, DKFZp686G0638, MGC129613, P450RAI-2

Gene Description

cytochrome P450, family 26, subfamily B, polypeptide 1

Omim ID

[605207](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

This gene encodes a member of the cytochrome P450 superfamily of enzymes. The cytochrome P450 proteins are monooxygenases that catalyze many reactions involved in drug metabolism and the synthesis of cholesterol, steroids and other lipids. The enzyme encoded by this gene is involved in the specific inactivation of all-trans-retinoic acid to hydroxylated forms, such as 4-oxo-, 4-OH-, and 18-OH-all-trans-retinoic acid. [provided by RefSeq]

Other Designations

cytochrome P450 retinoid metabolizing protein|cytochrome P450, family 26, subfamily b, polypeptide 1|retinoic acid-metabolizing cytochrome

Publication Reference

- [Comparison of the function and expression of CYP26A1 and CYP26B1, the two retinoic acid hydroxylases.](#)

Topletz AR, Thatcher JE, Zelter A, Lutz JD, Tay S, Nelson WL, Isoherranen N.

Biochemical Pharmacology 2012 Jan; 83(1):149.

Application: WB-Ti, Human, Human tissues

Pathway

- [Retinol metabolism](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Kidney Diseases](#)
- [Meningomyelocele](#)
- [Schizophrenia](#)
- [Spinal Dysraphism](#)
- [Vitamin A Deficiency](#)