

CYP26B1 rabbit monoclonal antibody

Catalog # H00056603-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human CYP26B1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human CYP26B1 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human CYP26B1 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — CYP26B1

Entrez GeneID [56603](#)

GeneBank Accession# [CYP26B1](#)

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

Pathway

- [Retinol metabolism](#)

Disease

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