

## CYP4V2 rabbit monoclonal antibody

Catalog # H00285440-K

Size 100 ug x up to 3

### Specification

Product Description	Rabbit monoclonal antibody raised against a human CYP4V2 peptide using ARM Technology.
Immunogen	A synthetic peptide of human CYP4V2 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 ( <a href="#">ARM Technology</a> ).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human CYP4V2 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) <sub>2</sub> , IgG, scFv and different Fc and non-Fc conjugates per customer request.

### Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

## Gene Info — CYP4V2

Entrez GeneID	<a href="#">285440</a>
GeneBank Accession#	<a href="#">CYP4V2</a>
Gene Name	CYP4V2
Gene Alias	BCD, CYP4AH1, FLJ18432, MGC43534
Gene Description	cytochrome P450, family 4, subfamily V, polypeptide 2
Omim ID	<a href="#">210370 608614</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	This gene encodes a member of the cytochrome P450 hemethiolate protein superfamily which are involved in oxidizing various substrates in the metabolic pathway. It is implicated in the metabolism of fatty acid precursors into n-3 polyunsaturated fatty acids. Mutations in this gene result in Bietti crystalline corneoretinal dystrophy. [provided by RefSeq]
Other Designations	cytochrome P450 4V2 cytochrome P450, family 4, subfamily v, polypeptide 2 retina CYP4V2

## Disease

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