

CYP2S1 rabbit monoclonal antibody

Catalog # H00029785-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human CYP2S1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human CYP2S1 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 CYP2S1 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 — CYP2S1

Entrez GeneID [29785](#)

GeneBank Accession# [CYP2S1](#)

Gene Name CYP2S1

Gene Alias -

Gene Description cytochrome P450, family 2, subfamily S, polypeptide 1

Omim ID [611529](#)

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 protein localizes to the endoplasmic reticulum. In rodents, the homologous protein has been shown to metabolize certain carcinogens; however, the specific function of the human protein has not been determined. [provided by RefSeq]

Other Designations cytochrome P450 family member predicted from ESTs|cytochrome P450, subfamily IIS, polypeptide 1|cytochrome P540, subfamily IIS, polypeptide 1

Pathway

- [Metabolism of xenobiotics by cytochrome P450](#)

Disease

- [Kidney Failure](#)