



## Rabbit Anti-CYPIVF11 antibody

SL14166R

<b>Product Name:</b>	CYPIVF11
<b>Chinese Name:</b>	细胞色素P450 IVF11抗体
<b>Alias:</b>	Cytochrome P450 4F11; CP4FB_HUMAN; cytochrome P450, family 4, subfamily F, polypeptide 11; cytochrome P450, subfamily IVF, polypeptide 11.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,
<b>Applications:</b>	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	60kDa
<b>Cellular localization:</b>	cytoplasmic
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human CYPIVF11:151-250/524
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	This gene, CYP4F11, 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 gene is part of a cluster of cytochrome P450 genes on chromosome 19. Another member of this family, CYP4F2, is approximately 16 kb away. Alternatively spliced transcript variants encoding the same protein have been found for this gene.

[provided by RefSeq, Jul 2008]

**Function:**

CYP11B1 is a member of the cytochrome P450 family of cytochrome monooxidases that catalyze many reactions involved in drug metabolism and synthesis of cholesterol, steroids and other lipids. CYP11B1 has catalytic properties towards endogenous eicosanoids as well as some clinically relevant drugs, and is able to metabolize large molecules such as erythromycin.

**Subcellular Location:**

Endoplasmic reticulum membrane; Single pass membrane protein

**Similarity:**

Belongs to the cytochrome P450 family.

**SWISS:**

Q9HBI6

**Gene ID:**

57834

**Database links:**

[Entrez Gene: 57834](#) Human

[Omim: 611517](#) Human

[SwissProt: Q9HBI6](#) Human

[Unigene: 187393](#) Human

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.