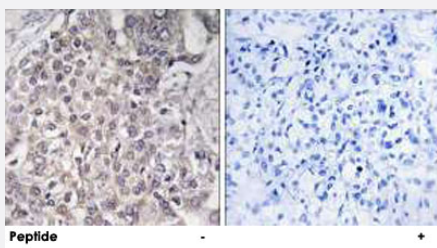


CYP4F2 polyclonal antibody

Catalog # PAB17531

Size 100 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry analysis of paraffin-embedded human liver carcinoma tissue using CYP4F2 polyclonal antibody (Cat # PAB17531).

Peptide "+" means "with peptide blocking".

Specification

Product Description Rabbit polyclonal antibody raised against synthetic peptide of CYP4F2.

Immunogen A synthetic peptide corresponding to internal of human CYP4F2.

Host Rabbit

Reactivity Human

Specificity This antibody detects endogenous levels of total CYP4F2 protein.

Form Liquid

Recommend Usage Immunohistochemistry (1:50-1:100)
ELISA (1:40000)
The optimal working dilution should be determined by the end user.

Storage Buffer In PBS, pH 7.4 (150mM NaCl, 0.02% sodium azide, 50% glycerol)

Storage Instruction Store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry analysis of paraffin-embedded human liver carcinoma tissue using CYP4F2 polyclonal antibody (Cat # PAB17531).

Peptide "+" means "with peptide blocking".

- Enzyme-linked Immunoabsorbent Assay

Gene Info — CYP4F2

Entrez GeneID	8529
Protein Accession#	P78329
Gene Name	CYP4F2
Gene Alias	CPF2
Gene Description	cytochrome P450, family 4, subfamily F, polypeptide 2
Omim ID	604426
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. The enzyme starts the process of inactivating and degrading leukotriene B4, a potent mediator of inflammation. This gene is part of a cluster of cytochrome P450 genes on chromosome 19. Another member of this family, CYP4F11, is approximately 16 kb away. [provided by RefSeq
Other Designations	cytochrome P450, subfamily IVF, polypeptide 2 leukotriene B4 omega-hydroxylase leukotriene-B 4 20-monooxygenase

Pathway

- [Arachidonic acid metabolism](#)
- [Metabolic pathways](#)

Disease

- [Atrial Fibrillation](#)
- [Brain Ischemia](#)
- [Cardiovascular Diseases](#)
- [Cerebral Infarction](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Kidney Failure](#)
- [Myocardial Infarction](#)
- [Stroke](#)
- [Venous Thrombosis](#)