



# CYP4V2 rabbit pAb

Cat No.:ES5608

For research use only

## Overview

<b>Product Name</b>	CYP4V2 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;IHC;IF;ELISA
<b>Species Cross-Reactivity</b>	Human;Rat;Mouse;
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications.
<b>Immunogen</b>	Synthesized peptide derived from the Internal region of human CYP4V2.
<b>Specificity</b>	CYP4V2 Polyclonal Antibody detects endogenous levels of CYP4V2 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Cytochrome P450 4V2
<b>Gene Name</b>	CYP4V2
<b>Cellular localization</b>	Endoplasmic reticulum membrane ; Single-pass membrane protein .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	60kD
<b>Human Gene ID</b>	285440
<b>Human Swiss-Prot Number</b>	Q6ZWL3
<b>Alternative Names</b>	CYP4V2; Cytochrome P450 4V2
<b>Background</b>	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

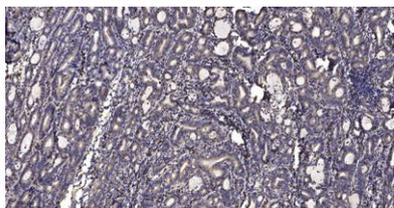




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result in Bietti crystalline corneoretinal dystrophy.  
[provided by RefSeq, Jul 2008],

Immunohistochemical analysis of paraffin-embedded human Gastric adenocarcinoma. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).



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