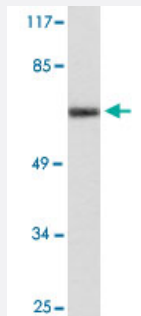


CYP24A1 polyclonal antibody

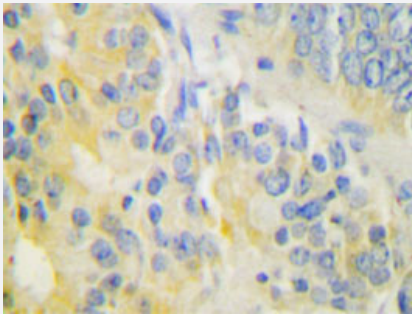
Catalog # PAB24902 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of HUVEC cell lysate with CYP24A1 polyclonal antibody (Cat # PAB24902).



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

Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue using CYP24A1 polyclonal antibody (Cat # PAB24902).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of CYP24A1.
Immunogen	A synthetic peptide corresponding to CYP24A1.
Host	Rabbit
Theoretical MW (kDa)	38
Reactivity	Human
Specificity	CYP24A1 polyclonal antibody detects endogenous levels of CYP24A1 protein.
Form	Liquid

Purification	Antigen affinity purification
Concentration	1 mg/mL
Recommend Usage	Western Blot (1:500-1:1000) Immunohistochemistry (1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (0.05% sodium azide)
Storage Instruction	Store at 4°C. For long term storage 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

- Western Blot (Cell lysate)

Western blot analysis of HUVEC cell lysate with CYP24A1 polyclonal antibody (Cat # PAB24902).

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

Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue using CYP24A1 polyclonal antibody (Cat # PAB24902).

Gene Info — CYP24A1

Entrez GeneID	1591
Gene Name	CYP24A1
Gene Alias	CP24, CYP24, MGC126273, MGC126274, P450-CC24
Gene Description	cytochrome P450, family 24, subfamily A, polypeptide 1
Omim ID	126065
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 mitochondrial protein initiates the degradation of 1,25-dihydroxyvitamin D3, the physiologically active form of vitamin D3, by hydroxylation of the side chain. In regulating the level of vitamin D3, this enzyme plays a role in calcium homeostasis and the vitamin D endocrine system. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations

1,25-dihydroxyvitamin D3 24-hydroxylase|24-OHase|OTTHUMP00000031314|cytochrome P450 family 24 subfamily A polypeptide 1|cytochrome P450, subfamily XXIV (vitamin D 24-hydroxylase)|exo-mitochondrial protein|vitamin D 24-hydroxylase

Disease

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- [Colon cancer](#)
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