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anti-CYP24A1 antibody (AA 351-450)





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	IV/E	۱/۱۲	$I \cap V$

Quantity:	100 μL	
Target:	CYP24A1	
Binding Specificity:	AA 351-450	
Reactivity:	Human, Mouse	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This CYP24A1 antibody is un-conjugated	
Application:	ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))	

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CYP24A1
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat,Dog,Cow,Pig,Horse,Chicken,Rabbit
Purification:	Purified by Protein A.
Target Details	

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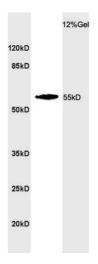
Target Details

Alternative Name:	CYP24A1 (CYP24A1 Products)	
Background:	Synonyms: CP24, HCAI, CYP24, P450-CC24, 1,25-dihydroxyvitamin D(3) 24-hydroxylase,	
	mitochondrial, 24-OHase, Vitamin D(3) 24-hydroxylase, Cytochrome P450 24A1, Cytochrome	
	P450-CC24, CYP24A1	
	Background: Has a role in maintaining calcium homeostasis. Catalyzes the NADPH-dependent	
	24-hydroxylation of calcidiol (25-hydroxyvitamin D(3)) and calcitriol (1-alpha,25-	
	dihydroxyvitamin D(3)). The enzyme can perform up to 6 rounds of hydroxylation of calcitriol	
	leading to calcitroic acid. It also shows 23-hydroxylating activity leading to 1-alpha,25-	
	dihydroxyvitamin D(3)-26,23-lactone as end product.	
Gene ID:	1591	
UniProt:	Q07973	
Pathways:	Metabolism of Steroid Hormones and Vitamin D	
Application Details		
Application Notes:	ELISA 1:500-1000	
	IHC-P 1:200-400	
	IHC-F 1:100-500	
	IF(IHC-P) 1:50-200	
	IF(IHC-F) 1:50-200	
	IF(ICC) 1:50-200	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	1 μg/μL	
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.	
Preservative:	ProClin	
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be	
	handled by trained staff only.	
Storage:	4 °C,-20 °C	
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.	

Expiry Date:

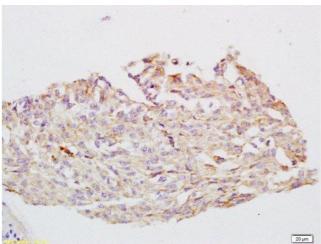
12 months

Images



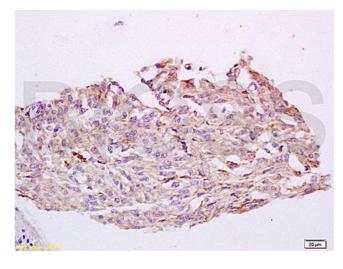
SDS-PAGE

Image 1. Mouse brain lysate probed with Rabbit Anti-CYP24A1 Polyclonal Antibody (ABIN750838) at 1:200 in 4 °C. Followed by conjugation to secondary antibody at 1:3000 90min in 37 °C. Predicted and observed band size: 55kDa



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Formalin-fixed and paraffin embedded human cervical carcinoma tissue labeled with Anti-CYP24A1 Polyclonal Antibody, Unconjugated at 1:200 followed by conjugation to the secondary antibody and DAB staining



Immunohistochemistry

Image 3. Formalin-fixed and paraffin embedded human cervical carcinoma tissue labeled with Anti-CYP24A1 Polyclonal Antibody, Unconjugated (ABIN750838) at 1:200 followed by conjugation to the secondary antibody and DAB staining

Please check the product details page for more images. Overall 4 images are available for ABIN750838.