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anti-PTGIS antibody (C-Term)

2 Images

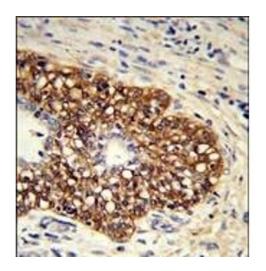


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Overview	
Quantity:	400 μL
Target:	PTGIS
Binding Specificity:	AA 472-500, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PTGIS antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))
Product Details	
Immunogen:	This CYP8A1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 472-500 amino acids from the C-terminal region of human CYP8A1.
Clone:	RB17094
Isotype:	lg Fraction
Predicted Reactivity:	В
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Target Details	
Target:	PTGIS

Target Details

Alternative Name:	CYP8A1 (PTGIS Products)
Background:	CYP8A1 is 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. However, this protein is considered a member of the cytochrome P450 superfamily on the basis of sequence similarity rather than functional similarity. This endoplasmic reticulum membrane protein catalyzes the conversion of prostglandin H2 to prostacyclin (prostaglandin I2), a potent vasodilator and inhibitor of platelet aggregation. An imbalance of prostacyclin and its physiological antagonist thromboxane A2 contribute to the development of myocardial infarction, stroke, and atherosclerosis.
Molecular Weight:	57104
Gene ID:	5740
NCBI Accession:	NP_000952
UniProt:	Q16647
Application Details	
Application Notes:	WB: 1:1000. IHC-P: 1:50~100
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in sma aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



72 55 43 34 26

Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human prostate carcinoma reacted with CYP8A1 Antibody (C-term) (ABIN652421 and ABIN2842087), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.

Western Blotting

Image 2. Western blot analysis of CYP8A1 Antibody (Cterm) (ABIN652421 and ABIN2842087) in CEM cell line lysates (35 μ g/lane). CYP8A1 (arrow) was detected using the purified Pab.