



PROZ rabbit pAb

Catalog No	YP-Ab-04361
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;IHC
Gene Name	PROZ
Immunogen	Synthesized peptide derived from human PROZ AA range: 141-190
Specificity	This antibody detects endogenous levels of Human PROZ
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	WB 1:500-2000;IHC-p 1:50-300
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	PZ;PROZ;Vitamin K-dependent protein Z
Calculated Molecular Weight	44kD
Cell Pathway	Secreted.
Tissue Specificity	Plasma.
Function	caution:Although homologous with the vitamin K-dependent clotting factors, it has lost two of the essential catalytic residues and has no enzymatic activity., function:Appears to assist hemostasis by binding thrombin and promoting its association with phospholipid vesicles.,PTM:The iron and 2-oxoglutarate dependent 3-hydroxylation of aspartate and asparagine is (R) stereospecific within EGF domains.,similarity:Belongs to the peptidase S1 family., similarity:Contains 1 Gla (gamma-carboxy-glutamate) domain., similarity:Contains 1 peptidase S1 domain.,similarity:Contains 2 EGF-like domains.,tissue specificity:Plasma.,
Background	This gene encodes a liver vitamin K-dependent glycoprotein that is synthesized in the liver and secreted into the plasma. The encoded protein plays a role in regulating blood coagulation by complexing with protein Z-dependent protease inhibitor to directly inhibit activated factor X at the phospholipid surface. Deficiencies in this protein are associated with an increased risk of ischemic



arterial diseases and fetal loss. Mutations in this gene are the cause of protein Z deficiency. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Jan 2012],

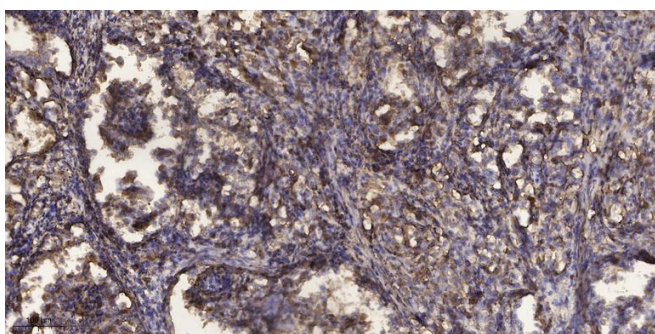
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Immunohistochemical analysis of paraffin-embedded human Squamous cell carcinoma of lung. 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).