

## Product datasheet for **TA806675**

### Protein Z (PROZ) Mouse Monoclonal Antibody [Clone ID: OTI4F1]

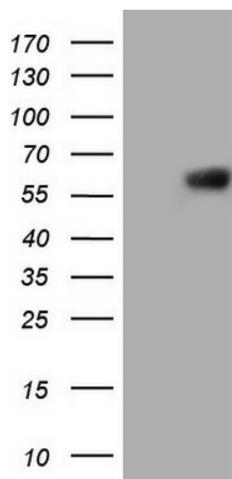
#### Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI4F1
Applications:	IHC, WB
Recommend Dilution:	WB 1:2000, IHC 1:150
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 115-400 of human PROZ(NP_003882) produced in E.coli.
Formulation:	PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Predicted Protein Size:	40.3 kDa
Gene Name:	protein Z, vitamin K dependent plasma glycoprotein
Database Link:	<a href="#">NP_003882</a> <a href="#">Entrez Gene 8858</a> <a href="#">Human</a>
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
Synonyms:	PZ
Protein Families:	Druggable Genome, Protease, Secreted Protein

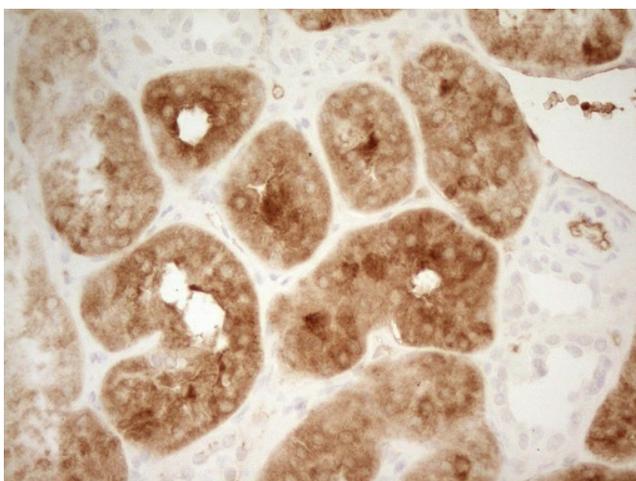


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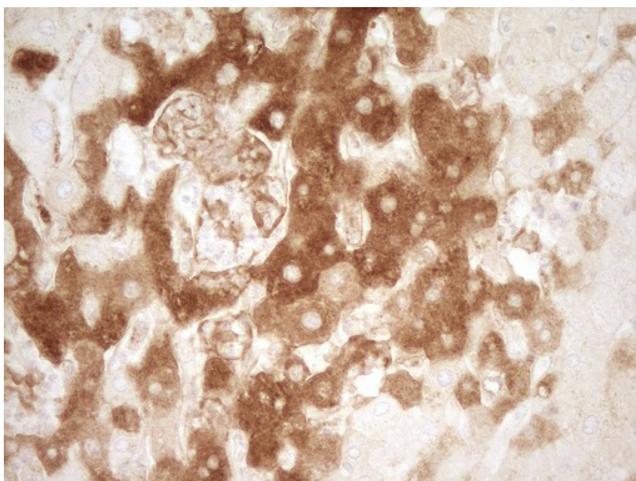
## Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY PROZ ([RC210379], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-PROZ. Positive lysates [LY401283] (100ug) and [LC401283] (20ug) can be purchased separately from OriGene.



Immunohistochemical staining of paraffin-embedded Human Kidney tissue within the normal limits using anti-PROZ mouse monoclonal antibody. (Heat-induced epitope retrieval by 1 mM EDTA in 10mM Tris, pH8.5, 120°C for 3min, TA806675)



Immunohistochemical staining of paraffin-embedded Human liver tissue within the normal limits using anti-PROZ mouse monoclonal antibody. (Heat-induced epitope retrieval by 1 mM EDTA in 10mM Tris, pH8.5, 120°C for 3min, TA806675)