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anti-UBQLN4 antibody (N-Term)

Images

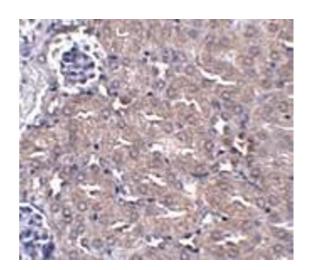


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Quantity:	0.1 mg	
Target:	UBQLN4	
Binding Specificity:	N-Term	
Reactivity:	Human, Mouse, Rat	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This UBQLN4 antibody is un-conjugated	
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)	
Product Details		
Immunogen:	CIP75 antibody was raised against an 18 amino acid peptide near the amino terminus of human CIP75.	
Isotype:	IgG	
Specificity:	This antibody reacts to CIP75.	
Purification:	Affinity chromatography purified via peptide column	
Target Details		
Target:	UBQLN4	
Alternative Name:	Ubiquilin-4 (UBQLN4 Products)	

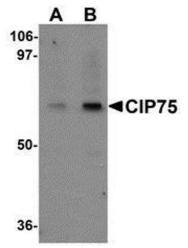
Target Details

Background:	The ubiquitin-proteosome pathway of protein degradation is one of the mechanisms that		
	ensure the proper level of cellular proteins. The ubiquitin-like (UbL) and ubiquitin-associated		
	(UBA) domain containing protein family is thought to be involved in proteosomal degradation.		
	One such protein is CIP75, also known as ubiquilin-4, interacts with a number of proteins such		
	as Ataxin-1 and Connexin-43, resulting in an increased rate of turnover of these proteins.		
	Overexpression CIP75 led to a significant reduction of Connexin-43 half-life, with the opposite		
	being observed in siRNA knockdown experiments. CIP75 contains an N-terminal UbL domain		
	which is thought to interact with proteins of the 26S proteosome complex and a C-terminal UBA		
	domain which appears to mediate its interaction with Connexin-75. At least three isoforms of		
	CIP75 are known to exist. Synonyms: A1Up, Ataxin-1 interacting ubiquitin-like protein, Ataxin-1		
	ubiquitin-like-interacting protein A1U, C1orf6, CIP75, Connexin43-interacting protein of 75 kDa,		
	UBIN, UBQLN4		
Gene ID:	56893		
UniProt:	Q9NRR5		
Application Details			
Application Notes:	ELISA. Western Blot: CIP75 antibody can be used for detection of CIP75 at 1 - 2 μg/mL.		
	Immunohistochemistry.		
	Other applications not tested.		
	Optimal dilutions are dependent on conditions and should be determined by the user.		
Restrictions:	For Research Use only		
Handling			
Buffer:	PBS containing 0.02 % 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		
Storage Comment:	Store the antibody undiluted at 2-8 °C.		



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of CIP75 in mouse kidney tissue with CIP75 antibody at 5 μ g/ml.



Western Blotting

Image 2. Western blot analysis of CIP75 in 3T3 cell lysate with AP30234PU-N CIP75 antibody at (A) 1 and (B) 2 μ g/ml.