

Product datasheet for **TA306810**

UBQLN4 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 1 - 2 ug/mL, ICC: 5 ug/mL
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	CIP75 antibody was raised against an 18 amino acid peptide near the amino terminus of human CIP75.
Formulation:	PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	Affinity chromatography purified via peptide column
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	ubiquilin 4
Database Link:	NP_064516 Entrez Gene 94232 Mouse Entrez Gene 310633 Rat Entrez Gene 56893 Human Q9NRR5



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Background:

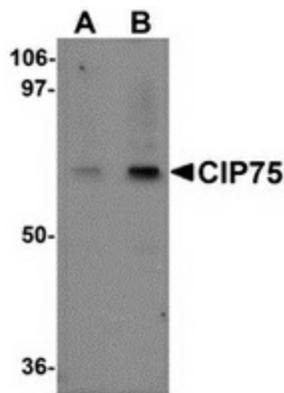
The ubiquitin-proteasome pathway of protein degradation is one of the mechanisms that ensure the proper level of cellular proteins. The ubiquitin-like (UbL) and ubiquitin-associated (UBA) domain containing protein family is thought to be involved in proteosomal degradation. One such protein is CIP75, 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 proteasome 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:

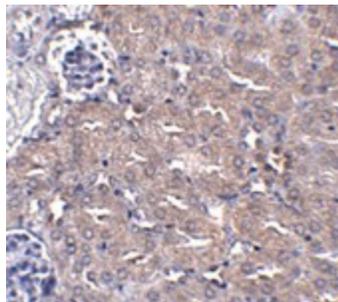
A1U; A1Up; C1orf6; CIP75; UBIN

Protein Families:

Druggable Genome

Product images:


Western blot analysis of CIP75 in 3T3 cell lysate with CIP75 antibody at (A) 1 and (B) 2 ug/ml.



Immunohistochemistry of CIP75 in mouse kidney tissue with CIP75 antibody at 5 ug/ml.