

## Anti-CIP75 UBQLN4 Antibody

Catalog Number: A08887-1

### About UBQLN4

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.

### Overview

Product Name	Anti-CIP75 UBQLN4 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-CIP75 UBQLN4 Antibody (Catalog # A08887-1). Tested in ELISA, WB, IHC-P applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IHC-P, WB
Clonality	Polyclonal
Formulation	CIP75 Antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	CIP75 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q9NRR5

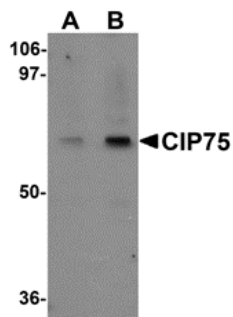
### Technical Details

Immunogen	CIP75 antibody was raised against an 18 amino acid synthetic peptide near the amino terminus of human CIP75. The immunogen is located within the first 50 amino acids of CIP75.
Predicted Reactive Species	Bovine
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	CIP75 Antibody is affinity chromatography purified via peptide column.

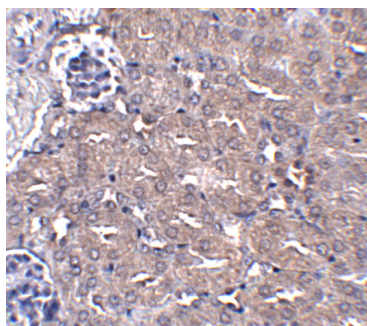
**Suggested Dilutions**

CIP75 antibody can be used for detection of CIP75 by Western blot at 1 - 2 ug/mL. Antibody can also be used for immunohistochemistry starting at 5 ug/mL.  
Antibody validated: Western Blot in mouse samples and Immunohistochemistry in mouse samples.  
All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

## Anti-CIP75 UBQLN4 Antibody (A08887-1) 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.

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