

Rabbit CIP75 Polyclonal Antibody | anti-UBQLN4 antibody

CIP75 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40211	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

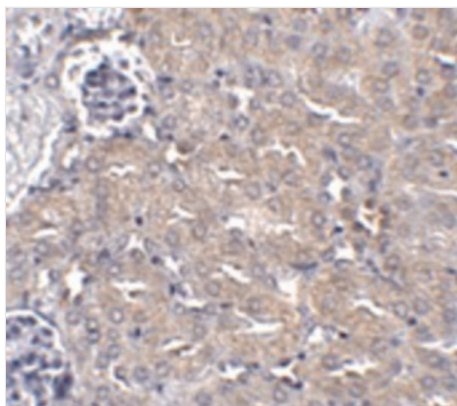
PRODUCT SYNONYMS

CIP75; Polyclonal Antibody; CIP75 Antibody; A1U; A1Up; UBIN; C1orf6; Ubiquilin-4; Ataxin-1 interacting ubiquitin-like protein; ubiquilin 4; anti-UBQLN4 antibody

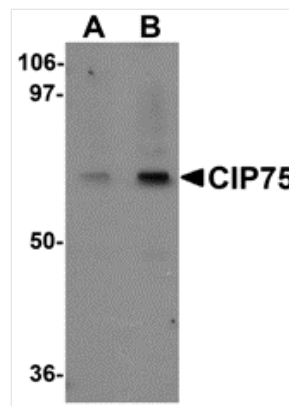
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	CIP75 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	601
Applicable Applications for anti-UBQLN4 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	CIP75 antibody was raised against an 18 amino acid synthetic peptide near the amino terminus of human CIP75.
Buffer	CIP75 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	CIP75 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of CIP75 in mouse kidney tissue with CIP75 antibody at 5 &#956;g/mL.


WB (Western Blot)

Western blot analysis of CIP75 in 3T3 cell lysate with CIP75 antibody at (A) 1 and (B) 2 &#956;g/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-UBQLN4 antibody	CIP75 Antibody: 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	45476982
NCBI GeneID	56893
UniProt Accession #	Q9NRR5; Q5VYA0; Q5VYA1; Q9BR98; Q9UHX4; A6ND44; B2RAY7
Molecular Weight	24,527 Da
NCBI Official Full Name	Ubiquilin-4
NCBI Official Synonym Full Names	ubiquilin 4
NCBI Official Symbol	UBQLN4
NCBI Official Synonym Symbols	A1U; A1Up; UBIN; CIP75; C1orf6
NCBI Protein Information	ubiquilin-4; connexin43-interacting protein of 75 kDa; ataxin-1 interacting ubiquitin-like protein; ataxin-1 ubiquitin-like interacting protein; ataxin-1 ubiquitin-like-interacting protein A1U
UniProt Protein Name	Ubiquilin-4
UniProt Gene Name	UBQLN4
UniProt Synonym Gene Names	C1orf6; CIP75; UBIN; A1Up; CIP75
UniProt Entry Name	UBQL4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/cip75-antibody-immunohistochemistry-western-blot-elisa/40211>