
CIP75 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 254110

Unit: 0.1 mg

Description:

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.

Isotype: Rabbit Ig

Applications: E, WB, IHC

Species Reactivity: H, M, R

Format: Each vial contains 0.1 ml IgG in PBS pH 7.4 with 0.02% sodium azide. Antibody was purified by immunogen affinity chromatography.

Alternate Names: CIP75; Connexin-43-interacting protein 75; ubiquilin-4; UBQLN4; Ataxin-1 ubiquitin-like-interacting protein; A1U; UBIN

Accession No.: Q9NRR5

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within human CIP75.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:00-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.