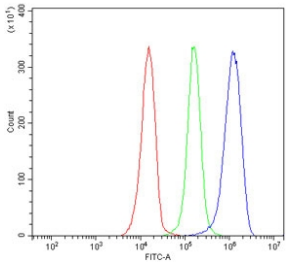
UBAP2 Antibody / Ubiquitin-Associated Protein 2 Antibody (RQ6691)

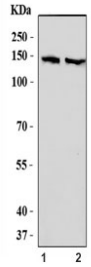
Catalog No.	Formulation	Size
RQ6691	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

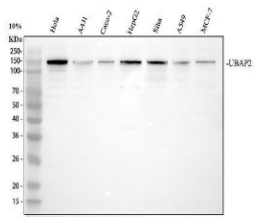
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q5T6F2
Applications	Western blot: 1-2ug/ml Flow cytometry: 1-3ug/million cells Direct ELISA: 0.1-0.5ug/ml Immunoprecipitation: 2ug per 500ug of lysate
Limitations	This UBAP2 Antibody / Ubiquitin-Associated Protein 2 Antibody is available for research use only.



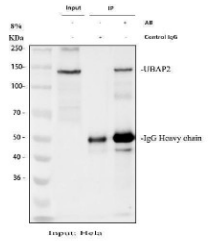
UBAP2 Antibody Human JK Cell FACS. Flow cytometry analysis of human JK cells stained with UBAP2 Antibody at 1 ug/10^6 cells following fixation, permeabilization and blocking with goat serum. The blue histogram (UBAP2 antibody) exhibits a pronounced rightward shift relative to the isotype control (green) and unstained cells (red), demonstrating specific intracellular detection of endogenous UBAP2. These results support the use of UBAP2 Antibody, also called Ubiquitin-Associated Protein 2 Antibody, for analyzing UBAP2 expression and ubiquitin-associated cellular pathways by flow cytometry.



UBAP2 Antibody Human Jurkat and HEK293 WB. Western blot analysis of UBAP2 Antibody using lane 1: human Jurkat and lane 2: human HEK293 cell lysates. A single, specific band is detected at approximately 117 kDa in both cell lines, consistent with the predicted molecular weight of endogenous UBAP2. These results support the use of UBAP2 Antibody, also called Ubiquitin-Associated Protein 2 Antibody, for studies of ubiquitin-associated protein function, intracellular protein trafficking and cellular homeostasis.



UBAP2 Antibody Human Cancer Cell WB. Western blot analysis of UBAP2 Antibody using lane 1: human HeLa, lane 2: human A431, lane 3: human Caco-2, lane 4: human HepG2, lane 5: human SiHa, lane 6: human A549 and lane 7: human MCF-7 cell lysates. A specific band is detected at approximately 140 kDa across all cell lines, migrating higher than the predicted molecular weight of approximately 117 kDa. This mobility difference may reflect post-translational modification or other factors influencing electrophoretic migration. These results support the use of UBAP2 Antibody, also called Ubiquitin-Associated Protein 2 Antibody, for studies of ubiquitin-associated protein function, intracellular protein trafficking and cellular homeostasis.



UBAP2 Antibody Human HeLa IP-WB. Immunoprecipitation of endogenous UBAP2 from human HeLa cell lysate using UBAP2 Antibody, followed by Western blot detection with the same antibody. Lane 1: input HeLa lysate, lane 2: rabbit IgG immunoprecipitation control and lane 3: UBAP2 immunoprecipitation. A specific band is detected at approximately 140 kDa in the input and UBAP2 immunoprecipitate, while absent from the IgG control, demonstrating specific enrichment of endogenous UBAP2. These results support the use of UBAP2 Antibody, also called Ubiquitin-Associated Protein 2 Antibody, for immunoprecipitation and studies of ubiquitin-associated protein function, intracellular protein trafficking and cellular homeostasis.

Description

UBAP2 Antibody / Ubiquitin-Associated Protein 2 Antibody recognizes ubiquitin-associated protein 2 (UBAP2), a ubiquitin-binding protein implicated in intracellular protein trafficking, ubiquitin-mediated signaling and maintenance of cellular homeostasis. UBAP2 belongs to a family of proteins containing ubiquitin-associated domains that facilitate interactions with ubiquitinated proteins and components of intracellular trafficking pathways. Although its biological functions continue to be investigated, current evidence suggests that UBAP2 participates in protein quality control and membrane-associated transport processes. NSJ Bioreagents offers high-quality UBAP2 Antibody reagents for studies of ubiquitin biology and cellular protein regulation.

Proteins containing ubiquitin-associated domains contribute to numerous aspects of cell biology by recognizing ubiquitinated substrates and coordinating their trafficking, localization or degradation. UBAP2 has been proposed to function in endosomal transport, vesicle dynamics and regulation of protein turnover, processes that are essential for maintaining normal cellular function. Through these activities, UBAP2 may influence signaling pathways, membrane protein recycling and intracellular protein homeostasis. Consequently, UBAP2 Antibody is a useful tool for examining UBAP2 expression and the molecular mechanisms governing ubiquitin-dependent cellular processes.

Expression profiling has detected UBAP2 in multiple tissues, and ongoing transcriptomic and proteomic studies continue to define its physiological roles. Interest in UBAP2 has expanded through investigations of protein trafficking, cell signaling and disease-associated alterations in ubiquitin pathway components. As understanding of UBAP2 biology advances, the protein may provide new insights into mechanisms regulating intracellular transport, protein stability and cellular stress responses. Researchers frequently use UBAP2 Antibody to characterize endogenous protein expression across diverse experimental systems.

An UBAP2 Antibody is a valuable reagent for investigating ubiquitin-mediated signaling, intracellular protein trafficking and cellular homeostasis. A Ubiquitin-Associated Protein 2 Antibody supports research involving protein quality control, endosomal transport, vesicle biology, membrane trafficking and ubiquitin-dependent regulatory pathways.

Researchers studying protein trafficking, ubiquitin-mediated regulation and cellular homeostasis may also be interested in our Cell Biology Antibodies page, featuring antibodies against proteins involved in intracellular organization, transport and signaling.

Application Notes

Optimal dilution of the UBAP2 Antibody / Ubiquitin-Associated Protein 2 Antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids D8-K868) was used as the immunogen for the UBAP2 antibody.

Storage

After reconstitution, the UBAP2 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

Alternate Names

UBAP2 antibody, Ubiquitin-Associated Protein 2 antibody, Ubiquitin Associated Protein 2 antibody

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