

Anti-UBAP2 Antibody Picoband®

Catalog Number: A12600-1

About UBAP2

Ubiquitin-associated protein 2 is a protein that in humans is encoded by the UBAP2 gene. The protein encoded by this gene contains a UBA (ubiquitin associated) domain, which is characteristic of proteins that function in the ubiquitination pathway. This gene may show increased expression in the adrenal gland and lymphatic tissues. Alternative splicing results in multiple transcript variants.

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Overview

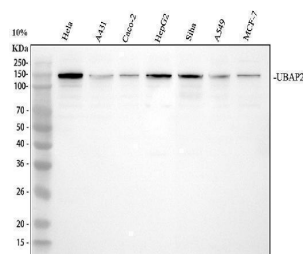
Product Name	Anti-UBAP2 Antibody Picoband®
Reactive Species	Human
Description	Boster Bio Anti-UBAP2 Antibody Picoband® catalog # A12600-1. Tested in ELISA, Flow Cytometry, IP, WB applications. This antibody reacts with Human. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Application	ELISA, Flow Cytometry, IP, WB
Clonality	Polyclonal
Formulation	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Storage Instructions	At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	Q5T6F2

Technical Details

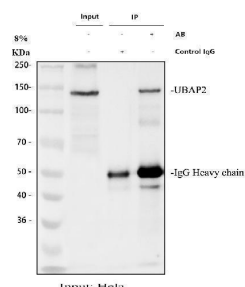
Immunogen	E.coli-derived human UBAP2 recombinant protein (Position: D8-K868).
Recommended Detection Systems	Boster recommends ECL Plus Western Blotting Substrate (Catalog # AR1196-200) for Western blot.

Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Rabbit IgG
Form	Lyophilized
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Purification	Immunogen affinity purified.
Suggested Dilutions	Western blot, 0.25-0.5 ug/ml, Human Immunoprecipitation, 0.5-2 ug/ml, Human Flow Cytometry (Fixed), 1-3 ug/1x10⁶ cells, Human ELISA, 0.1-0.5 ug/ml, - Note: For flow cytometry (FCM), validated for fixed cells only. Not validated for FACS or surface flow cytometry using live cells.

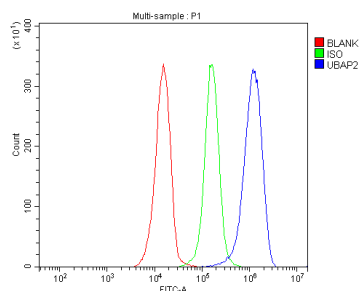
Anti-UBAP2 Antibody Picoband® (A12600-1) Images



Western blot analysis of UBAP2 using anti-UBAP2 antibody (A12600-1). Electrophoresis was performed on a 10% SDS-PAGE gel at 80V (Stacking gel) / 120V (Resolving gel) for 2 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: human Hela whole cell lysates, Lane 2: human A431 whole cell lysates, Lane 3: human CACO-2 whole cell lysates, Lane 4: human HepG2 whole cell lysates, Lane 5: human SiHa whole cell lysates, Lane 6: human A549 whole cell lysates, Lane 7: human MCF-7 whole cell lysates. After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-UBAP2 antigen affinity purified polyclonal antibody (A12600-1) at 0.5 ug/mL overnight at 4°C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody (Catalog # BA1054) at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an ECL Plus Western Blotting Substrate (Catalog # AR1196-200) with Tanon 5200 system. A specific band was detected for UBAP2 at approximately 140 kDa. The expected band size for UBAP2 is at 117 kDa.



Immunoprecipitating UBAP2 in Hela whole cell lysate. Western blot analysis of UBAP2 using anti-UBAP2 antibody (A12600-1); Lane 1: Hela whole cell lysates (30ug); Lane 2: Rabbit control IgG instead of anti-UBAP2 antibody in Hela whole cell lysate; Lane 3: anti-UBAP2 antibody (2ug) + Hela whole cell lysate (500ug). After electrophoresis, proteins were transferred to a membrane. Then the membrane was incubated with rabbit anti-UBAP2 antigen affinity purified polyclonal antibody (A12600-1) at a dilution of 0.5 ug/mL and probed with a goat anti-rabbit IgG-HRP secondary antibody (Catalog # BA1054). The signal is developed using ECL Plus Western Blotting Substrate (Catalog # AR1196-200). A specific band was detected for UBAP2 at approximately 140 kDa. The expected band size for UBAP2 is at 117 kDa.



Flow Cytometry analysis of JK cells using anti-UBAP2 antibody (A12600-1). Overlay histogram showing JK cells stained with A12600-1 (Blue line). To facilitate intracellular staining, cells were fixed with 4% paraformaldehyde and permeabilized with permeabilization buffer. The cells were blocked with 10% normal goat serum. And then incubated with rabbit anti-UBAP2 Antibody (A12600-1, 1 ug/1x10⁶ cells) for 30 min at 20°C. DyLight®488 conjugated goat anti-rabbit IgG (BA1127, 5-10 ug/1x10⁶ cells) was used as secondary antibody for 30 minutes at 20°C. Isotype control antibody (Green line) was rabbit IgG (1 ug/1x10⁶) used under the same conditions. Unlabelled sample without incubation with primary antibody and secondary antibody

(Red line) was used as a blank control.

Anti-UBAP2 Antibody

For Research Use Only. Not for use in diagnostic procedures.