Anti-UAP1 Recombinant Rabbit Monoclonal Antibody



Catalog #: 2716

Aliases

UAP1; UDP-N-Acetylglucosamine Pyrophosphorylase 1; SPAG2; AGX1; AgX; UDP-N-Acetylhexosamine Pyrophosphorylase 1; UDP-N-Acetylglucosamine Diphosphorylase 1; UDP-N-Acetylhexosamine Pyrophosphorylase; Antigen X; Testis Tissue Sperm-Binding Protein Li 37a; Sperm Associated Antigen; Sperm-Associated Antigen; EC 2.7.7.23; EC 2.7.7.27; EC 2.7.7; AGX2; AGX

Background

Gene Name: UAP1 NCBI Gene Entry: 6675 UniProt Entry: Q16222

Application Information

Molecular Weight: Predicted, 59 kDa; observed, 59 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 24GB2290

Species Reactivity: Human, mouse, rat

Applications Tested: Western blotting (WB), flow cytometry (FCM), immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human UAP1

Isotype

Rabbit IgG

Storage Buffer

Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.

Storage

Store at -20 °C for one year.

Recommended Dilutions

Western Blotting (WB): 1:1,000-1:5,000

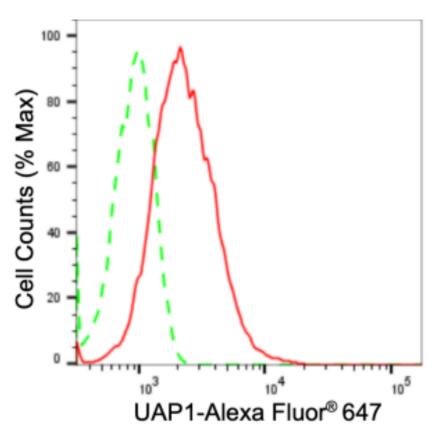
Flow Cytometry (FCM): 1:2,000

Immunocytochemistry (IC): 1:100-1:1,000

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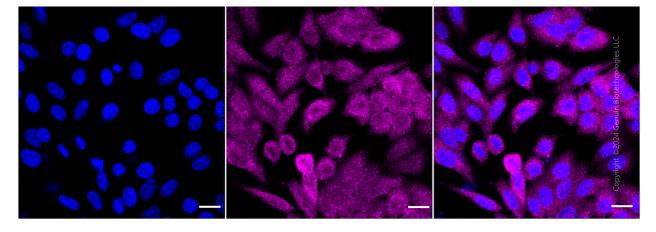
Note: This product is for research use only.

Validation Data



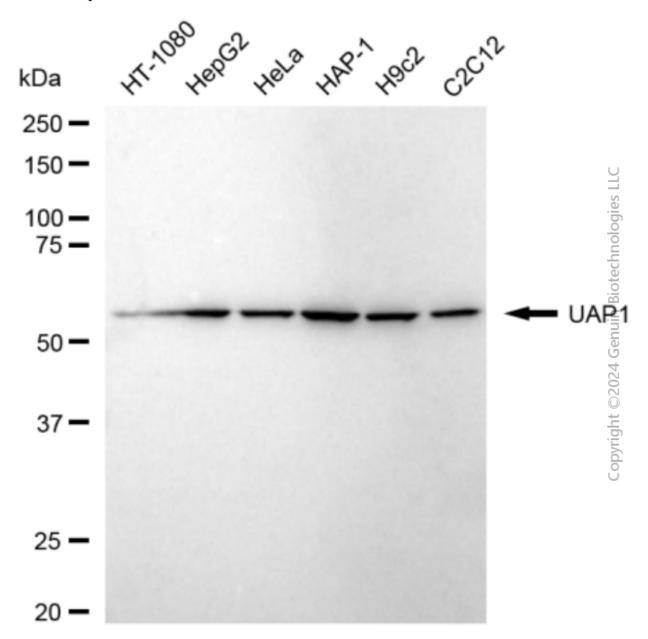
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Flow cytometric analysis of UAP1 expression in HepG2 cells using anti-UAP1 antibody (Cat#2716, 1:2,000). Green, isotype control; red, UAP1.



Immunocytochemical staining of HepG2 cells with anti-UAP1 antibody (Cat#2716, 1:1,000). Nuclei were stained blue with DAPI; UAP1 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: $20~\mu m$.

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Western blotting analysis using anti-UAP1 antibody (Cat#2716). Total cell lysates (30 μg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-UAP1 antibody (Cat#2716, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQTM ECL Substrate Kit (Cat#226).