# Product Datasheet

## BAP1 Antibody (N-term) (orb1931669)

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|---|---|
| **Catalog Number** | orb1931669 |
| **Category** | Antibodies |
| **Description** | Purified Rabbit Polyclonal Antibody (Pab) |
| **Target** | BAP1 {ECO:0000303\|PubMed:9528852, ECO:0000312\|HGNC:HGNC:950} |
| **Clonality** | Polyclonal |
| **Species/Host** | Rabbit |
| **Isotype** | Rabbit IgG |
| **Conjugation** | Unconjugated |
| **Reactivity** | Human, Mouse, Rat |
| **Predicted Reactivity** | Zebrafish |
| **Form/Appearance** | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification. |
| **Immunogen** | This BAP1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 36-66 amino acids of human BAP1. Antigen Region: 36-66 aa. |
| **UniProt ID** | Q92560 |
| **MW** | 80362 Da |
| **Tested applications** | FC, IF, IHC-P, WB |
| **Dilution range** | WB - 1:1000, IF - 1:25, IHC-P - 1:100, FC - 1:25, IHC - 1:250 |

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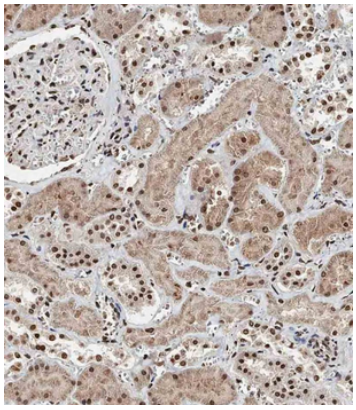
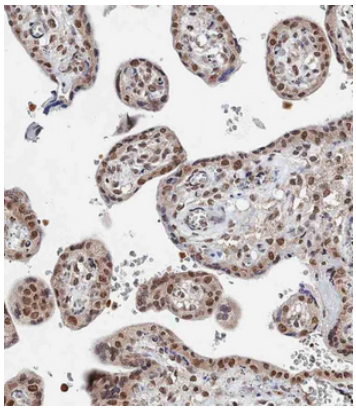
|---|---|
| **Antibody Type** | Primary Antibody |
| **Clone Number** | BTD6771X6782 |
| **Storage** | Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles |
| **Note** | For research use only |
| **NCBI** | **NP_004647.1** |
| **Expiration Date** | 12 months from date of receipt. |



Immunohistochemical analysis on paraffin-embedded Human kidney tissue. Tissue was fixed with formaldehyde at room temperature. Heat induced epitope retrieval was performed by EDTA buffer (pH9.0). Samples were incubated with primary antibody (1:100) for 1 hour at room temperature. Undiluted CRF Anti-Polyvalent HRP Polymer antibody was used as the secondary antibody.



Immunohistochemical analysis on paraffin-embedded Human placenta tissue. Tissue was fixed with formaldehyde at room temperature. Heat induced epitope retrieval was performed by EDTA buffer (pH9.0). Samples were incubated with primary antibody (1:100) for 1 hour at room temperature. Undiluted CRF Anti-Polyvalent HRP Polymer antibody was used as the secondary antibody.

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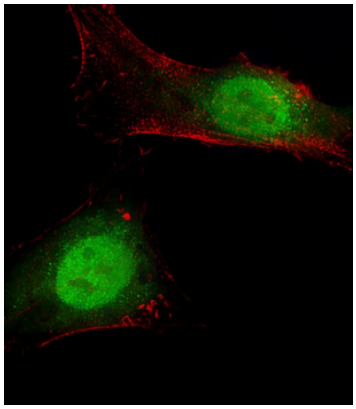
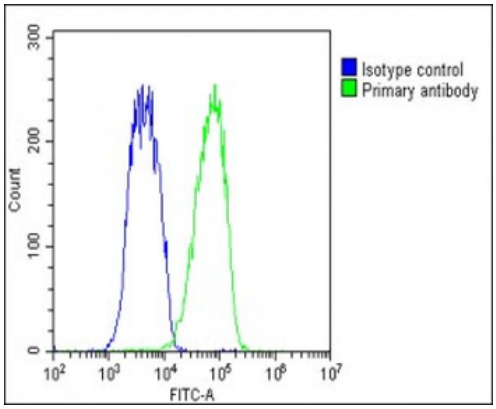
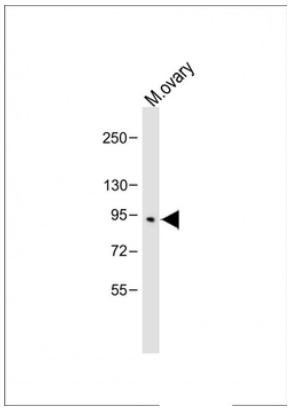


Immunofluorescent analysis of 4% paraformaldehyde-fixed, 0.1% Triton X-100 permeabilized Hela cells labeling BAP1 at 1/25 dilution, followed by Dylight 488-conjugated goat anti-Rabbit IgG secondary antibody at 1/200 dilution (green). Immunofluorescence image showing Nucleus and Weak Cytoplasm staining on Hela cell line. Cytoplasmic actin is detected with Dylight 554 Phalloidin (red). The nuclear counter stain is DAPI (blue).




Overlay histogram showing Hela cells stained (green line). The cells were fixed with 2% paraformaldehyde (10 min) and then permeabilized with 90% methanol for 10 min. The cells were then icubated in 2% bovine serum albumin to block non-specific protein-protein interactions followed by the antibody (1:25 dilution) for 60 min at 37°C. The secondary antibody used was Goat-Anti-Rabbit IgG, DyLight 488 Conjugated Highly Cross-Adsorbed at 1/200 dilution for 40 min at 37°C. Isotype control antibody (blue line) was rabbit IgG1 (1 µg/1x10^6 cells) used under the same conditions. Acquisition of > 10000 events was performed.




Anti-BAP1 Antibody (N-term) at 1:2000 dilution + Mouse ovary lysate. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 95 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.

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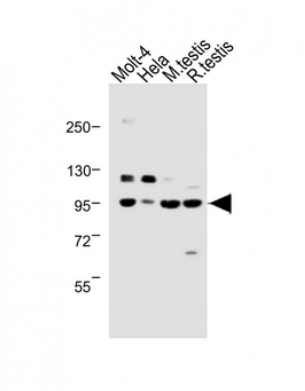
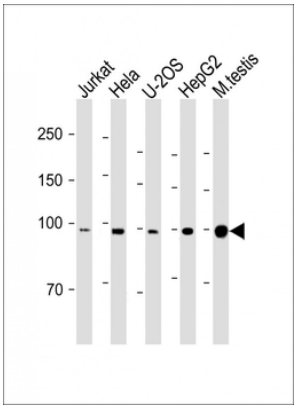



All lanes: Anti-BAP1 Antibody (N-term) at 1:1000 dilution. Lane 1: Molt-4 whole cell lysate. Lane 2: Hela whole cell lysate. Lane 3: Mouse testis lysate. Lane 4: Rat testis lysate. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 95 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.




All lanes: Anti-BAP1 Antibody (N-term) at 1:1000 dilution. Lane 1: Jurkat whole cell lysate. Lane 2: Hela whole cell lysate. Lane 3: U-2OS whole cell lysate. Lane 4: HepG2 whole cell lysate. Lane 5: Mouse testis lysate. Lysates/proteins at 20 µg per lane. Secondary: Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/15000 dilution. Observed band size: 95 KDa. Blocking/Dilution buffer: 5% NFDM/TBST.

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