

Product Datasheet

BAP1 Antibody (1G8) - BSA Free NB110-60521

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NB110-60521

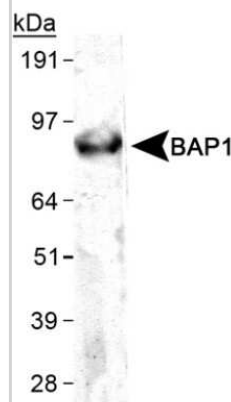
BAP1 Antibody (1G8) - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1G8
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein G purified
Buffer	Tris-Glycine and 0.15M NaCl
Target Molecular Weight	85 kDa
Product Description	
Host	Mouse
Gene ID	8314
Gene Symbol	BAP1
Species	Human
Immunogen	Full-length human BAP1 protein expressed and purified from E.coli. [UniProt# Q92560]
Product Application Details	
Applications	Western Blot, Flow Cytometry
Recommended Dilutions	Western Blot 2 ug/ml, Flow Cytometry 1 ug per million cells
Application Notes	This BAP1 antibody is useful for Western blot. In Western blot a band is seen at ~85 kDa, representing the BAP1 protein. The observed molecular weight of the protein may vary from the listed predicted molecular weight due to post translational modifications, post translation cleavages, relative charges, and other experimental factors.

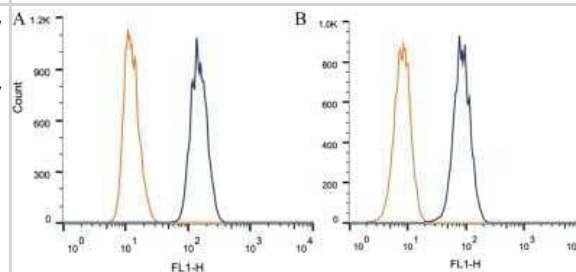


Images

Western Blot: BAP1 Antibody (1G8) [NB110-60521] - Detection of BAP1 in HeLa WCE.



Flow Cytometry: BAP1 Antibody (1G8) [NB110-60521] - Intracellular flow cytometric staining of 1×10^6 CHO (A) and HEK-293 (B) cells using BAP1 antibody (dark blue). Isotype control shown in orange. An antibody concentration of 1 $\mu\text{g}/1 \times 10^6$ cells was used.



Publications

Harbour JW, Onken MD, Roberson ED et al. Frequent mutation of BAP1 in metastasizing uveal melanomas. *Science*;330(6009):1410-3. 2010-12-03 [PMID: 21051595] (WB, Human)

Procedures

Western Blot protocol for BAP1 Antibody (NB110-60521)

BAP1 Antibody (1G8):

Western Blot Protocol

1. Perform SDS-PAGE (4-12% MOPS) on samples to be analyzed, loading 30 ug of total protein per lane.
2. Transfer proteins to Nitrocellulose according to the instructions provided by the manufacturer of the transfer apparatus.
3. Rinse membrane with dH₂O and then stain the blot using Ponceau S for 1-2 minutes to access the transfer of proteins onto the nitrocellulose membrane. Rinse the blot in water to remove excess stain and mark the lane locations and locations of molecular weight markers using a pencil.
4. Rinse the blot in TBS for approximately 5 minutes.
5. Block the membrane using 5% non-fat dry milk + 1% BSA in TBS, 1 hour at room temperature.
6. Rinse the membrane in dH₂O and then wash the membrane in wash buffer [TBS + 0.1% Tween] 3 times for 10 minutes each.
7. Dilute the mouse anti-BAP1 primary antibody (NB 110-60521) in blocking buffer and incubate 1 hour at room temperature.
8. Rinse the membrane in dH₂O and then wash the membrane in wash buffer [TBS + 0.1% Tween] 3 times for 10 minutes each.
9. Apply the diluted mouse-IgG HRP-conjugated secondary antibody in blocking buffer (as per manufacturers instructions) and incubate 1 hour at room temperature.
10. Wash the blot in wash buffer [TBS + 0.1% Tween] 3 times for 10 minutes each (this step can be repeated as required to reduce background).
11. Apply the detection reagent of choice in accordance with the manufacturers instructions (Pierce ECL).

Note: Tween-20 can be added to the blocking or antibody dilution buffer at a final concentration of 0.05-0.2%, provided it does not interfere with antibody-antigen binding.





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Products Related to NB110-60521

NBL1-07915	BAP1 Overexpression Lysate
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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