

Product Datasheet

UBA3 Antibody (1B5-2-3-R)

NBP3-33072

Unit Size: 100 ul

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

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NBP3-33072

UBA3 Antibody (1B5-2-3-R)

Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1B5-2-3-R
Preservative	0.05% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS (pH7.4), 0.1% BSA and 40% Glycerol
Target Molecular Weight	52 kDa
Product Description	
Description	Novus Biologicals Mouse UBA3 Antibody (1B5-2-3-R) (NBP3-33072) is a recombinant monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	9039
Gene Symbol	UBA3
Species	Human, Mouse, Rat
Immunogen	Recombinant protein within Human UBA3 aa 220-424 / 463. (Uniprot: Q8TBC4)
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry, Immunocytochemistry/Immunofluorescence 1:200, Immunohistochemistry-Paraffin 1:1000



Images

Western Blot: UBA3 Antibody (1B5-2-3-R) [NBP3-33072] - Western blot analysis of UBA3 on different lysates with Mouse anti-UBA3 antibody (NBP3-33072) at 1/500 dilution.

Lane 1: HepG2 cell lysate
 Lane 2: Hela cell lysate
 Lane 3: 293T cell lysate
 Lane 4: K-562 cell lysate
 Lane 5: RAW264.7 cell lysate
 Lane 6: NIH/3T3 cell lysate
 Lane 7: PC-12 cell lysate
 Lane 8: Mouse brain tissue lysate
 Lane 9: Human lung tissue lysate

Lysates/proteins at 20 ug/Lane.

Predicted band size: 52 kDa
 Observed band size: 52 kDa

Exposure time: 2 minutes;

4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDN/TBST for 1 hour at room temperature. The primary antibody (NBP3-33072) at 1/500 dilution was used in 5% NFDN/TBST at room temperature for 2 hours. Goat Anti-Mouse IgG - HRP Secondary Antibody at 1:150,000 dilution was used for 1 hour at room temperature.

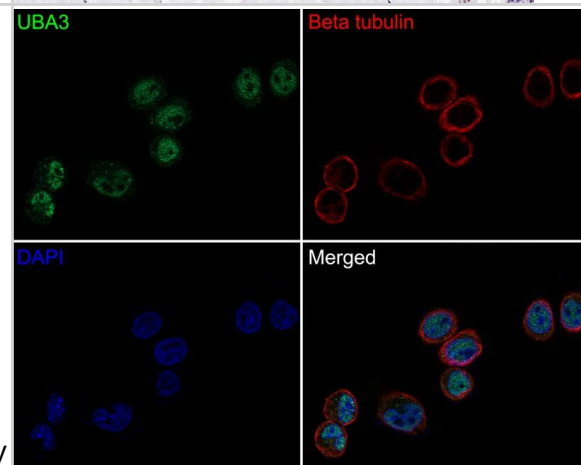
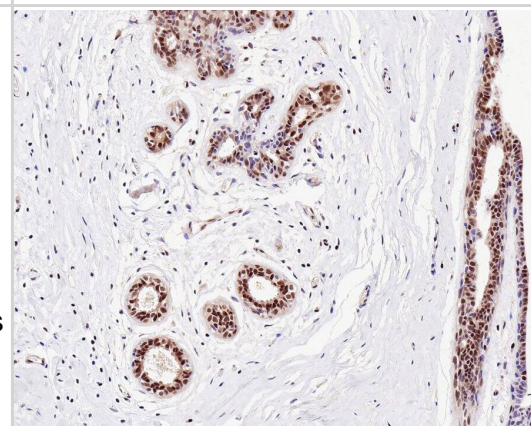
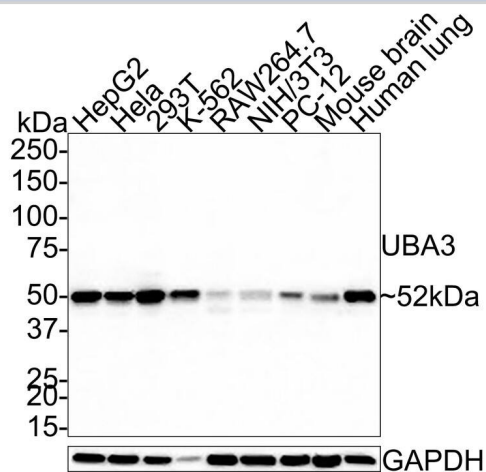
Immunohistochemistry: UBA3 Antibody (1B5-2-3-R) [NBP3-33072] - Immunohistochemical analysis of paraffin-embedded human breast tissue with Mouse anti-UBA3 antibody (NBP3-33072) at 1/1,000 dilution.

The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0) for 2 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody (NBP3-33072) at 1/1,000 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.

Immunocytochemistry/ Immunofluorescence: UBA3 Antibody (1B5-2-3-R) [NBP3-33072] - Immunocytochemistry analysis of SiHa cells labeling UBA3 with Mouse anti-UBA3 antibody (NBP3-33072) at 1/200 dilution.

Cells were fixed in 4% paraformaldehyde for 30 minutes, permeabilized with 0.05% Triton X-100 in PBS for 20 minutes, and then blocked with 2% negative goat serum for 30 minutes at room temperature. Cells were then incubated with Mouse anti-UBA3 antibody (NBP3-33072) at 1/200 dilution in 2% negative goat serum overnight at 4 °C. Goat Anti-Mouse IgG H&L (iFluor™ 488) was used as the secondary antibody at 1/1,000 dilution. Nuclear DNA was labelled in blue with DAPI.

beta Tubulin (red) was stained at 1/100 dilution overnight at +4 °C. Goat Anti-Rabbit IgG H&L (iFluor™ 594) were used as the secondary antibody at 1/1,000 dilution.





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Products Related to NBP3-33072

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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