

# Product Datasheet

## ARID1A Antibody (CL3595) - BSA Free NBP2-61623

Unit Size: 100 ul

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

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**NBP2-61623**

ARID1A Antibody (CL3595) - BSA Free

Product Information	
Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL3595
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS (pH 7.2) and 40% Glycerol

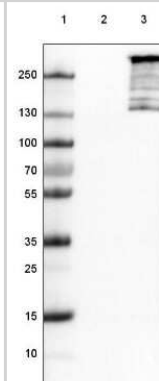
Product Description	
Description	Novus Biologicals Mouse ARID1A Antibody (CL3595) - BSA Free (NBP2-61623) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	8289
Gene Symbol	ARID1A
Species	Human
Reactivity Notes	Expected species cross reactivity based on sequence identity: Rat (88%). Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions
Immunogen	This antibody was developed using a recombinant protein derived from O14497, with the exact immunogen sequence remaining proprietary.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. For ICC/IF, PFA/Triton X-100 is recommended for fixation/permeabilization.

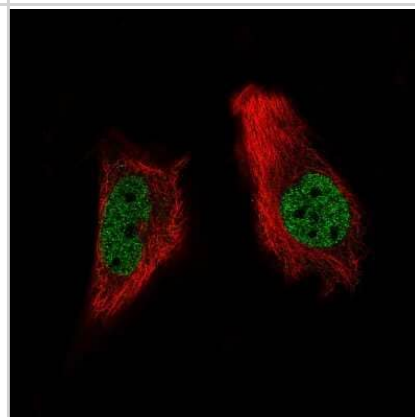


## Images

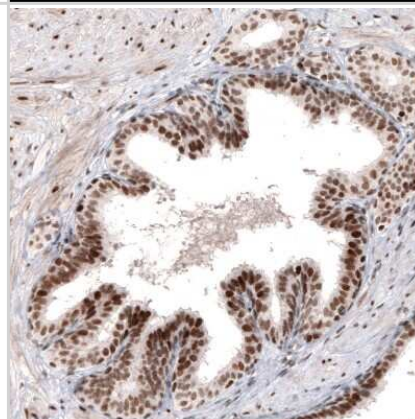
Western Blot: ARID1A Antibody (CL3595) [NBP2-61623] - Lane 1: Marker [kDa] 250, 130, 100, 70, 55, 35, 25, 15, 10  
Lane 2: Negative control (vector only transfected HEK293T lysate)  
Lane 3: Over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells)



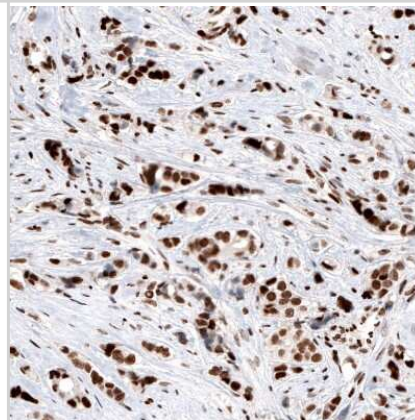
Immunocytochemistry/Immunofluorescence: ARID1A Antibody (CL3595) [NBP2-61623] - Staining of A-431 cells using the Anti-ARID1A monoclonal antibody, showing specific staining in the nucleoplasm in green. Microtubule- and nuclear probes are visualized in red and blue, respectively (where available).



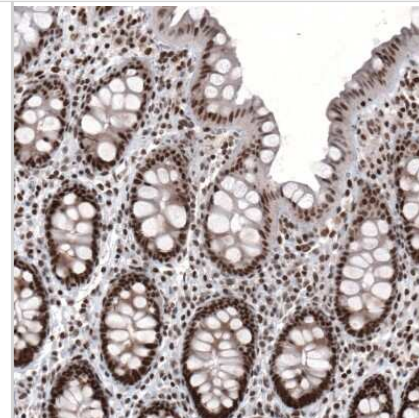
Immunohistochemistry-Paraffin: ARID1A Antibody (CL3595) [NBP2-61623] - Staining of human prostate shows moderate to strong nuclear positivity in glandular cells.



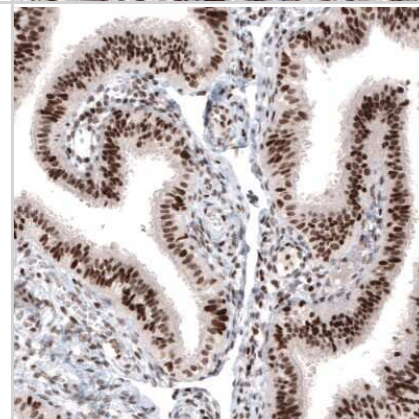
Immunohistochemistry-Paraffin: ARID1A Antibody (CL3595) [NBP2-61623] - Staining of human breast cancer shows strong nuclear positivity in tumor cells.



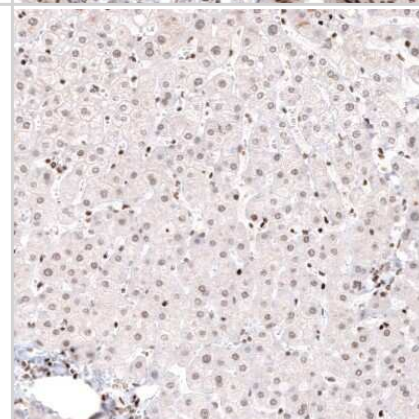
Immunohistochemistry-Paraffin: ARID1A Antibody (CL3595) [NBP2-61623] - Staining of human colon shows strong nuclear positivity in glandular cells.



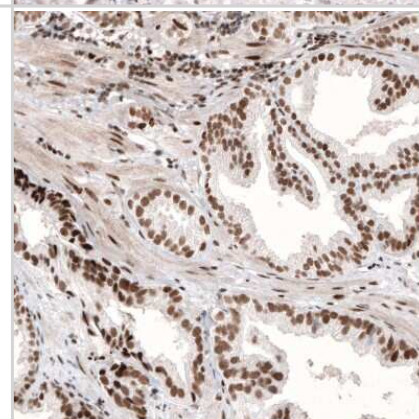
Immunohistochemistry-Paraffin: ARID1A Antibody (CL3595) [NBP2-61623] - Staining of human Fallopian tube shows strong nuclear positivity in glandular cells.



Immunohistochemistry-Paraffin: ARID1A Antibody (CL3595) [NBP2-61623] - Staining of human liver shows weak nuclear positivity in hepatocytes.



Immunohistochemistry-Paraffin: ARID1A Antibody (CL3595) [NBP2-61623] - Staining of human prostate cancer shows strong nuclear positivity in tumor cells.





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### **Products Related to NBP2-61623**

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NBP2-61623PEP	ARID1A Recombinant Protein Antigen
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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### **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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