

Product Datasheet

ATAD2 Antibody (CL0182) - Azide and BSA Free NBP3-44437

Unit Size: 100 ug

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

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NBP3-44437

ATAD2 Antibody (CL0182) - Azide and BSA Free

Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL0182
Preservative	No Preservative
Reconstitution Instructions	Centrifuge the vial of lyophilized antibody at 12,000 x g for 20 seconds. Reconstitute by adding sterile, distilled water to achieve a final antibody concentration of 1mg/ml.
Isotype	IgG1
Purity	Protein A purified
Buffer	Lyophilized from a 0.2 um filtered solution in PBS with Trehalose

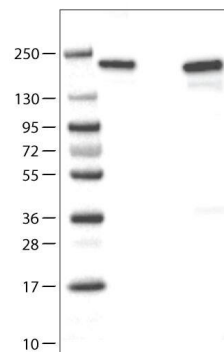
Product Description	
Description	Novus Biologicals Mouse ATAD2 Antibody (CL0182) - Azide and BSA Free (NBP2-14786) is a monoclonal antibody validated for use in IHC, WB, ICC/IF and Simple Western. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	29028
Gene Symbol	ATAD2
Species	Human
Immunogen	This antibody was generated using a recombinant protein sequence of Q6PL18, with the exact immunogen sequence remaining proprietary.

Product Application Details	
Applications	Western Blot, Simple Western, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1 ug/ml, Simple Western 1:20, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/ Immunofluorescence/IF Fixation/Permeabilization: PFA/Triton X-100. See Simple Western Antibody Database for Simple Western validation: Tested in U-251MG sp, separated by Size, antibody dilution of 1:20, apparent MW was 182 kDa

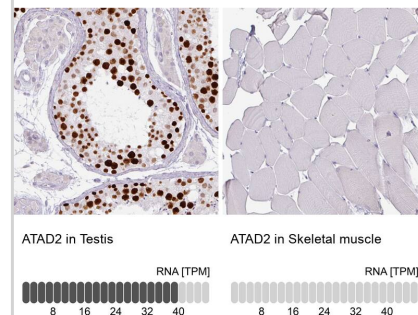


Images

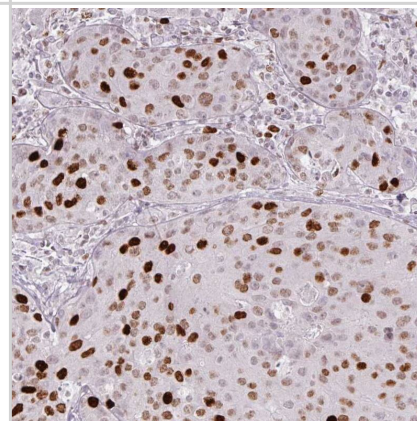
Lane 1: Marker [kDa]
 Lane 2: ATAD2 Over-expression Lysate (Co-expressed with a C-terminal myc-DDK tag in mammalian HEK293T cells)
 Lane 3: Negative control (vector only transfected HEK293T lysate)
 Lane 4: U-251



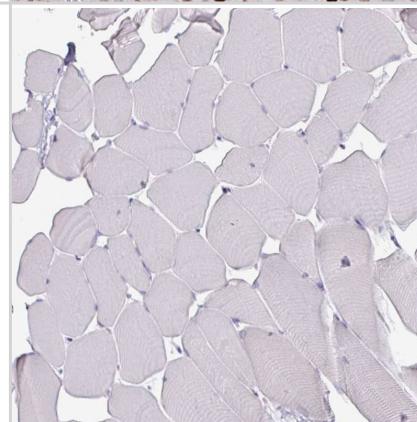
Analysis in human testis and skeletal muscle tissues using NBP3-44437 antibody. Corresponding ATAD2 RNA-seq data are presented for the same tissues.



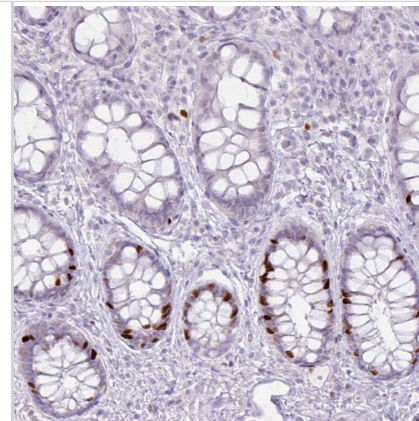
Staining of human breast cancer shows moderate to strong nuclear positivity in tumor cells.



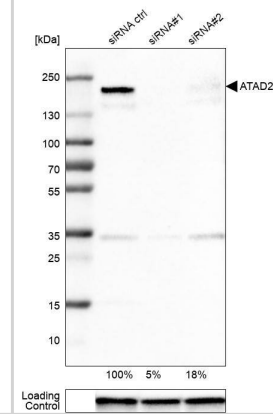
Staining of human skeletal muscle shows no nuclear positivity in striated muscle fibers as expected.



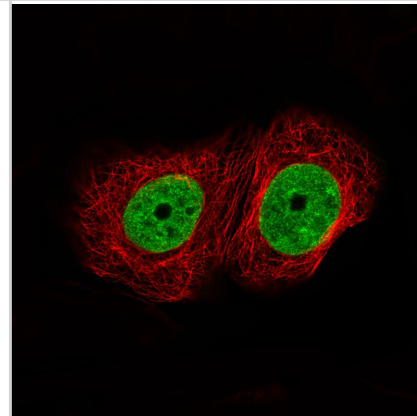
Staining of human rectum shows strong nuclear positivity in a subset of glandular cells.



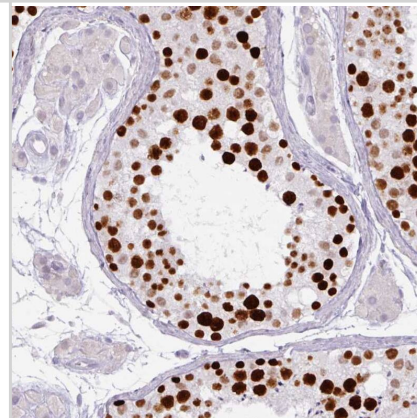
Analysis in U-251MG cells transfected with control siRNA, target specific siRNA probe #1 and #2, using Anti-ATAD2 antibody. Remaining relative intensity is presented. Loading control: Anti-GAPDH.



Staining of MCF7 cells using the Anti-ATAD2 monoclonal antibody).



Staining of human testis shows moderate to strong nuclear positivity in cells in seminiferous ducts.





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Products Related to NBP3-44437

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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