

Product Datasheet

ATAD2 Antibody (CL0182) - BSA Free NBP2-14786

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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NBP2-14786

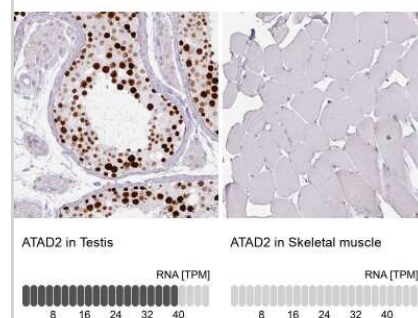
ATAD2 Antibody (CL0182) - BSA Free

Product Information	
Unit Size	0.1 ml
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	CL0182
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS (pH 7.2) and 40% Glycerol
Product Description	
Host	Mouse
Gene ID	29028
Gene Symbol	ATAD2
Species	Human
Reactivity Notes	Expected species cross reactivity based on sequence identity: Mouse(82%), Rat (82%)
Immunogen	This antibody was developed using a recombinant protein derived from Q6PL18, with the exact immunogen sequence remaining proprietary.
Product Application Details	
Applications	Western Blot, Simple Western, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockdown Validated
Recommended Dilutions	Western Blot 1 ug/ml, Simple Western 1:20, Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:500-1:1000, Knockdown Validated
Application Notes	<p>For IHC-Paraffin, HIER pH 6 retrieval is recommended.</p> <p>In Simple Western only 10 - 15 uL of the recommended dilution is used per data point. 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. Separated by Size-Wes, Sally Sue/Peggy Sue. ICC/IF Fixation/Permeabilization: PFA/Triton X-100.</p>

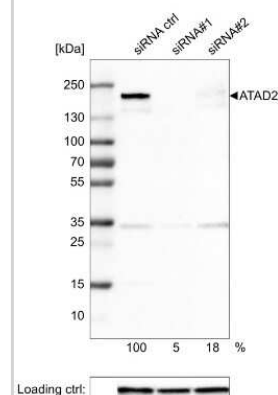


Images

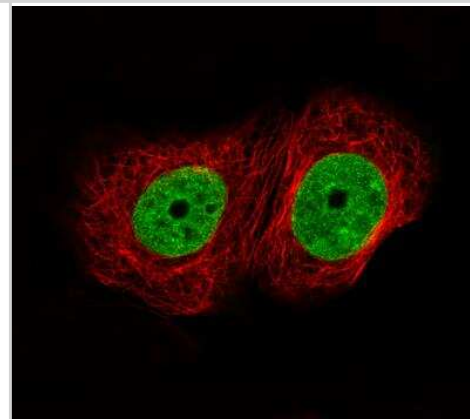
Immunohistochemistry-Paraffin: ATAD2 Antibody (CL0182) [NBP2-14786] - Staining in human testis and skeletal muscle tissues. Corresponding ATAD2 RNA-seq data are presented for the same tissues.



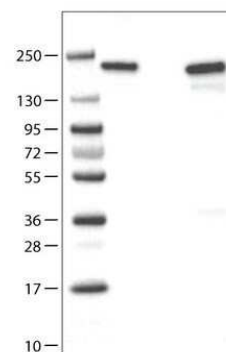
Western Blot: ATAD2 Antibody (CL0182) [NBP2-14786] - Analysis in U-251MG cells transfected with control siRNA, target specific siRNA probe #1 and #2, using Anti-ATAD2 antibody. Remaining relative intensity is presented. Loading control: Anti-GAPDH.



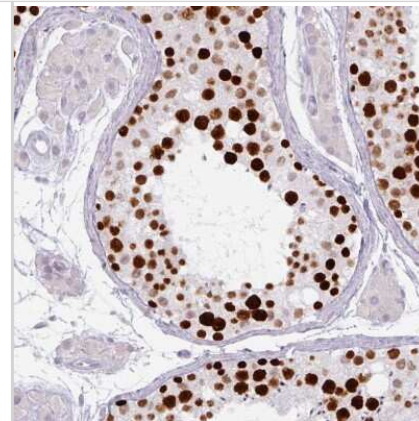
Immunocytochemistry/Immunofluorescence: ATAD2 Antibody (CL0182) [NBP2-14786] - Staining of MCF7 cells using the Anti-ATAD2 monoclonal antibody, showing specific staining in nucleoplasm in green. Microtubule- and nuclear probes are visualized in red and blue, respectively (where available). Antibody staining is shown in green.



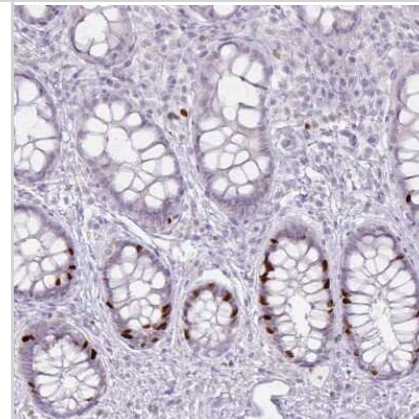
Western Blot: ATAD2 Antibody (CL0182) [NBP2-14786] - Lane 1: Marker [kDa] 250, 130, 95, 72, 55, 36, 28, 17, 10. Lane 2: Negative control (vector only transfected HEK293T lysate). Lane 3: Over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



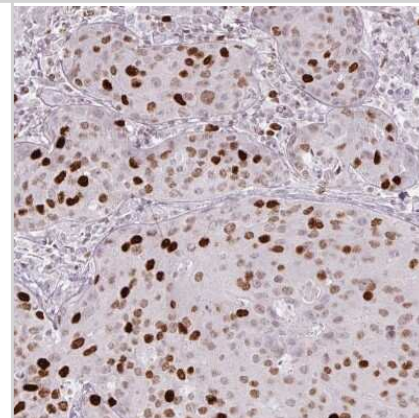
Immunohistochemistry-Paraffin: ATAD2 Antibody (CL0182) [NBP2-14786] - Staining of human testis shows moderate to strong nuclear positivity in cells in seminiferous ducts.



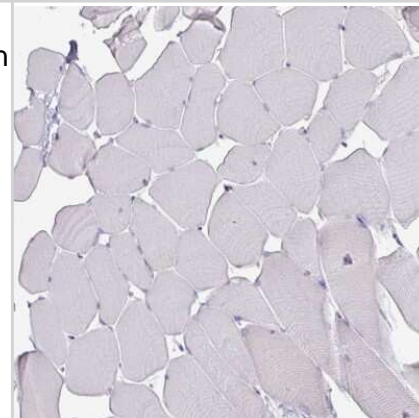
Immunohistochemistry-Paraffin: ATAD2 Antibody (CL0182) [NBP2-14786] - Staining of human rectum shows strong nuclear positivity in a subset of glandular cells.



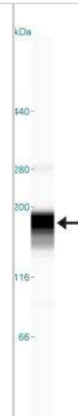
Immunohistochemistry-Paraffin: ATAD2 Antibody (CL0182) [NBP2-14786] - Staining of human breast cancer shows moderate to strong nuclear positivity in tumor cells.



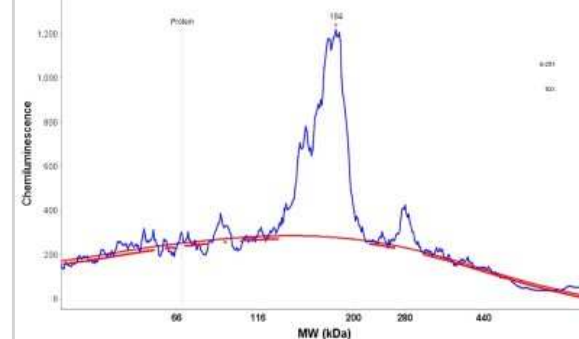
Immunohistochemistry-Paraffin: ATAD2 Antibody (CL0182) [NBP2-14786] - Staining of human skeletal muscle shows no nuclear positivity in striated muscle fibers as expected.



Simple Western: ATAD2 Antibody (CL0182) [NBP2-14786] - Simple Western lane view shows a specific band for ATAD2 in 0.2 mg/ml of U-251MG sp lysate. This experiment was performed under reducing conditions using the 66-440 kDa separation system.



Simple Western: ATAD2 Antibody (CL0182) [NBP2-14786] - Electropherogram image(s) of corresponding Simple Western lane view. ATAD2 antibody was used at 1:20 dilution on U-251MG sp lysates(s).





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Products Related to NBP2-14786

NBP2-14786PEP	ATAD2 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)

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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