

Product Datasheet

ATAD2 Antibody - BSA Free

NBP1-84123

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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NBP1-84123

ATAD2 Antibody - 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	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description

Host	Rabbit
Gene ID	29028
Gene Symbol	ATAD2
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (82%), Rat (82%). Reactivity reported in scientific literature (PMID: 23393560)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: TAYAIKEELDEDFEQLCEEIQESRKKRGCSSSKYAPSYHVMPPKQNSTLVGDK RSDPEQNEKLKTPSTPVACSTPAQLKRKIRKKSNNWYLGTIKKRRKISQAKDDSQ NAIDHK

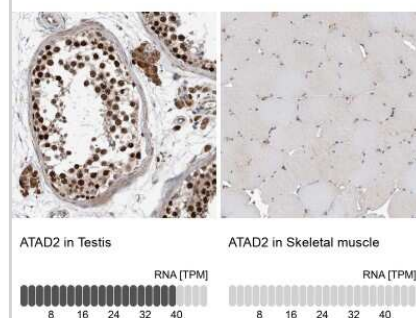
Product Application Details

Applications	Western Blot, Simple Western, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockdown Validated
Recommended Dilutions	Western Blot 0.4 ug/ml, Simple Western 1:50, Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:500-1:1000, Knockdown Validated
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100. 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 1:50, apparent MW was 178 kDa. Separated by Size-Wes, Sally Sue/Peggy Sue.

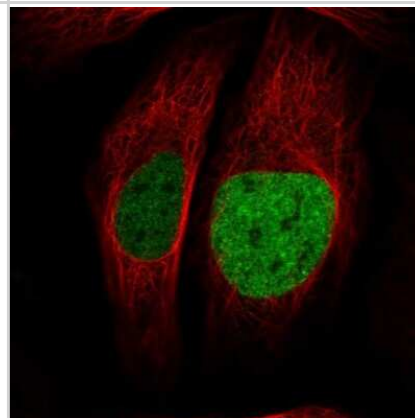


Images

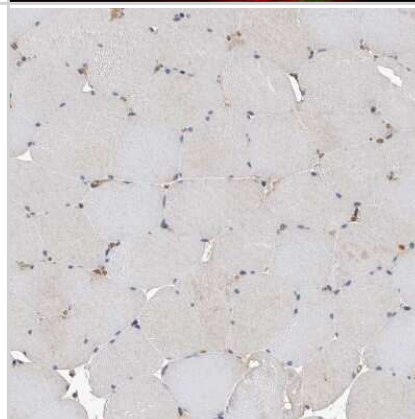
Immunohistochemistry-Paraffin: ATAD2 Antibody [NBP1-84123] - Analysis in human testis and skeletal muscle tissues using NBP1-84123 antibody. Corresponding ATAD2 RNA-seq data are presented for the same tissues.



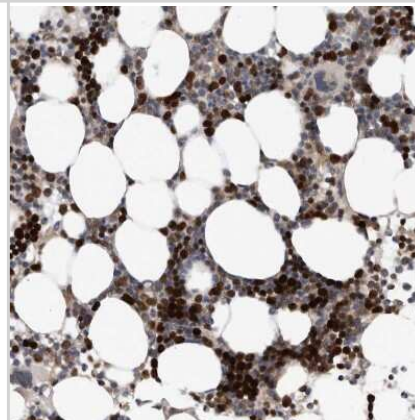
Immunocytochemistry/Immunofluorescence: ATAD2 Antibody [NBP1-84123] - Staining of human cell line U-2 OS shows localization to nucleoplasm. Antibody staining is shown in green.



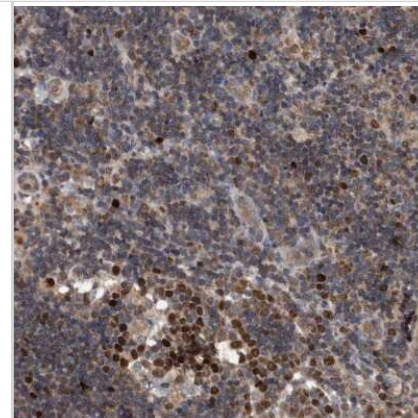
Immunohistochemistry-Paraffin: ATAD2 Antibody [NBP1-84123] - Staining of human Skeletal muscle shows very weak positivity in myocytes.



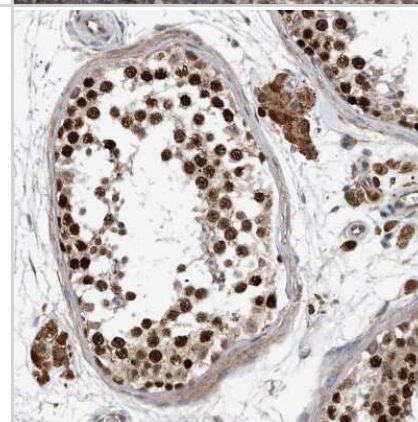
Immunohistochemistry-Paraffin: ATAD2 Antibody [NBP1-84123] - Staining of human Bone marrow shows strong nuclear positivity in hematopoietic cells.



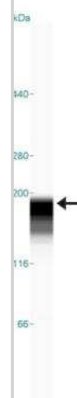
Immunohistochemistry-Paraffin: ATAD2 Antibody [NBP1-84123] - Staining of human Lymph node shows moderate nuclear positivity in non-germinal center cells.



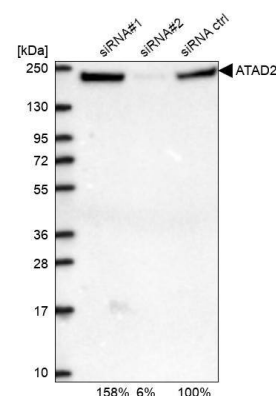
Immunohistochemistry-Paraffin: ATAD2 Antibody [NBP1-84123] - Staining of human Testis shows strong nuclear positivity in cells in seminiferous ducts.



Simple Western: ATAD2 Antibody [NBP1-84123] - 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.



Analysis in U2OS cells) transfected with control siRNA, target specific siRNA probe #1 and #2, using Anti-ATAD2 antibody. Remaining relative intensity is presented.



Publications

Wan WN, Zhang YX, Wang XM et al. ATAD2 is highly expressed in ovarian carcinomas and indicates poor prognosis. Asian Pac J Cancer Prev 2014-01-01 [PMID: 24761900] (IF/IHC, Human)

Raeder MB, Birkeland E, Trovik J et al. Integrated Genomic Analysis of the 8q24 Amplification in Endometrial Cancers Identifies ATAD2 as Essential to MYC-Dependent Cancers. PLoS One 2013-01-01 [PMID: 23393560]



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Products Related to NBP1-84123

NBP1-84123PEP	ATAD2 Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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