

ATRX Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Recombinant protein corresponding to Human ATRX
Form	Liquid
Concentration	0.3 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7.2, with 40% glycerol
Contains	0.02% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2638391

Applications	Tested Dilution	Publications
Western Blot (WB)	0.04-0.4 µg/mL	-
Immunohistochemistry (IHC)	1:500-1:1,000	-
Immunocytochemistry (ICC/IF)	0.25-2 µg/mL	-

Product Specific Information

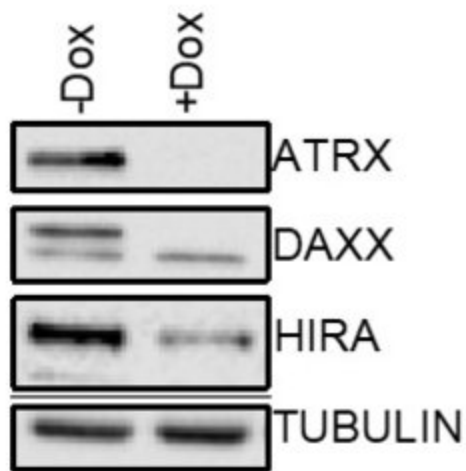
Immunogen sequence: AAWAEYEA EK KGLTMRFNIP TGTNLPPVSF NSQTPYIPFN LGALSAMSNQ QLEDLINQGR EKVVEATNSV TAVRIQPLED IISAVWKENM NLSEAQVQAL ALSRQASQEL DVKRREAIYN DVLTKQQMLI SCVQRILMNR R

Highest antigen sequence identity to the following orthologs: Mouse - 96%, Rat - 97%.

Advanced Verification Data

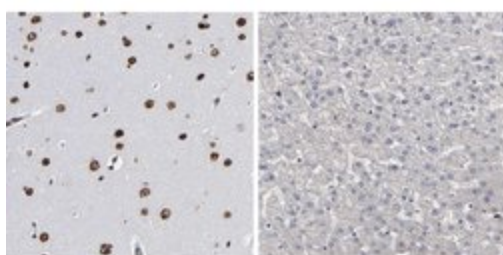
ATRX Antibody (PA5-51656)

Altered expression of proteins upon cell treatment demonstrates antibody specificity. Western blot of ATRX using anti-ATRX polyclonal antibody (Product # PA5-51656) shows decrease in expression of ATRX upon treatment with Doxycycline. Cell treatment validation info.



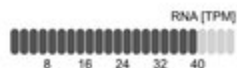
ATRX Antibody (PA5-51656)

Relative expression in different tissues in IHC: Detection of differential expression levels of ATRX demonstrates antibody specificity. Immunohistochemical analysis of ATRX using anti-ATRX Polyclonal Antibody (Product # PA5-51656), shows significant staining of ATRX in human cerebral cortex and shows minimal or weak staining in human liver tissues. The relative expression levels of ATRX within each tissue is shown using RNA-Seq. Relative expression validation info.



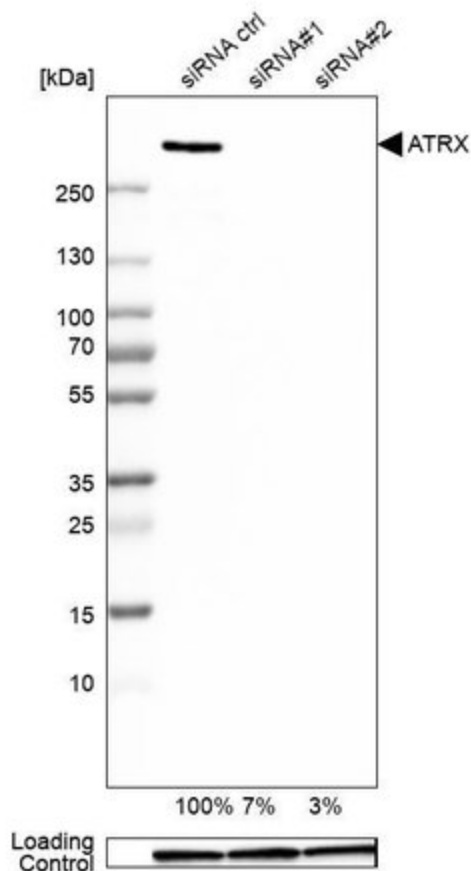
ATRX in Cerebral cortex

ATRX in Liver



ATRX Antibody (PA5-51656)

Antibody specificity was demonstrated by siRNA mediated knockdown of target protein. A-549 cells were transfected with, control siRNA, ATRX siRNA probe #1, and ATRX siRNA probe #2 and a decrease in signal intensity was observed in Western Blot application using Anti-ATRX Polyclonal Antibody (Product # PA5-51656) used at a dilution of 0.4 µg/ml. Anti-GAPDH was used as a loading control. Knockdown validation info.



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