

Datasheet for ABIN7144797
anti-ATXN7 antibody (AA 402-503)

3 Images

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Overview

Quantity:	100 µg
Target:	ATXN7
Binding Specificity:	AA 402-503
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATXN7 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Ataxin-7 protein (402-503AA)
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Purification:	>95%, Protein G purified

Target Details

Target:	ATXN7
Alternative Name:	ATXN7 (ATXN7 Products)
Background:	Background: Acts as component of the STAGA transcription coactivator-HAT complex. Mediates the interaction of STAGA complex with the CRX and is involved in CRX-dependent

Target Details

gene activation. Necessary for microtubule cytoskeleton stabilization.

Aliases: ATXN7 antibody, SCA7Ataxin-7 antibody, Spinocerebellar ataxia type 7 protein antibody

UniProt: [O15265](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IHC:1:300-1:500, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

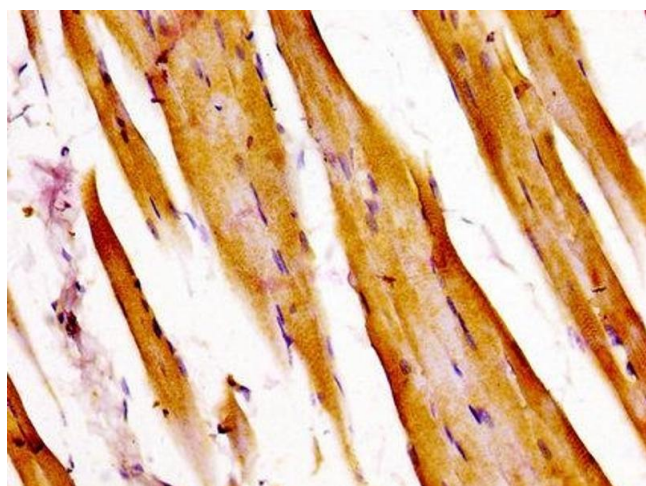
Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



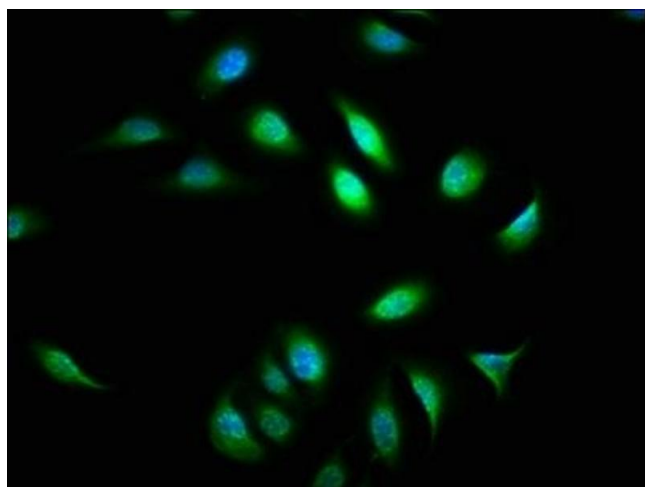
Immunohistochemistry

Image 1. IHC image of ABIN7144797 diluted at 1:400 and staining in paraffin-embedded human skeletal muscle tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10 % normal goat serum 30 min at RT. Then primary antibody (1 % BSA) was incubated at 4 °C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Western Blotting

Image 2. Western Blot Positive WB detected in: Rat lung tissue All lanes: ATXN7 antibody at 3.3 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 96, 102, 80 kDa Observed band size: 80 kDa



Immunofluorescence

Image 3. Immunofluorescence staining of A549 cells with ABIN7144797 at 1:133, counter-stained with DAPI. The cells were fixed in 4 % formaldehyde, permeabilized using 0.2 % Triton X-100 and blocked in 10 % normal Goat Serum. The cells were then incubated with the antibody overnight at 4 °C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).