

Datasheet for ABIN2790607

anti-ATXN7L3 antibody (Middle Region)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	ATXN7L3
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Rabbit, Dog, Guinea Pig, Horse, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATXN7L3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of Human ATXN7L3
Sequence:	MNKSESDQED NDDINDNDWS YGSEKKAKKR KSDKLWYLPF QNPNSPRRSK
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 93%
Characteristics:	This is a rabbit polyclonal antibody against ATXN7L3. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	ATXN7L3
Alternative Name:	ATXN7L3 (ATXN7L3 Products)

Target Details

Background:	<p>ATXN7L3 is a component of the transcription regulatory histone acetylation (HAT) complex SAGA, a multiprotein complex that activates transcription by remodeling chromatin and mediating histone acetylation and deubiquitination. Within the SAGA complex, ATXN7L3 participates in a subcomplex that specifically deubiquitinates both histones H2A and H2B. The SAGA complex is recruited to specific gene promoters by activators such as MYC, where it is required for transcription. Required for nuclear receptor-mediated transactivation. Within the complex, it is required to recruit USP22 and ENY2 into the SAGA complex.</p> <p>Alias Symbols: DKFZp761G2113</p> <p>Protein Interaction Partner: SIRT1, USP22, SECISBP2, SERTAD1, PICK1, USP6, UCHL3, HIST2H2BE, HIST2H2AC, ATXN7, KAT2A, ENY2, TAF5L, SUPT3H, TRRAP, TAF10,</p> <p>Protein Size: 354</p>
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Molecular Weight:	38 kDa
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Gene ID:	56970
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NCBI Accession:	NM_020218 , NP_064603
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UniProt:	Q14CW9
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Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 354 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C

Handling

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-ATXN7L3 Antibody Titration:
1.0 ug/ml Positive Control: 721_B Whole Cell