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ATXN7L3 Antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI15419

Specification

ATXN7L3 Antibody - middle region - Product Information

Application	**WB**
Primary Accession	Q14CW9
Other Accession	NM_020218, NP_064603
Reactivity	**Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog**
Predicted	**Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**38kDa KDa**

ATXN7L3 Antibody - middle region - Additional Information

Gene ID 56970

Alias Symbol	**DKFZp761G2113**

Other Names
Ataxin-7-like protein 3 {ECO:0000255|HAMAP-Rule:MF_03047}, SAGA-associated factor 11 homolog {ECO:0000255|HAMAP-Rule:MF_03047}, ATXN7L3 {ECO:0000255|HAMAP-Rule:MF_03047}

Format
Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage
Add 50 ul of distilled water. Final anti-ATXN7L3 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions
ATXN7L3 Antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

ATXN7L3 Antibody - middle region - Protein Information

Name ATXN7L3 {ECO:0000255|HAMAP-Rule:MF_03047}

Function
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, participates in a subcomplex that specifically deubiquitinates both histones H2A and H2B (PubMed:18206972, PubMed:<a

href="http://www.uniprot.org/citations/21746879" target="_blank">21746879). 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 (PubMed:18206972). Regulates H2B monoubiquitination (H2Bub1) levels. Affects subcellular distribution of ENY2, USP22 and ATXN7L3B (PubMed:27601583).

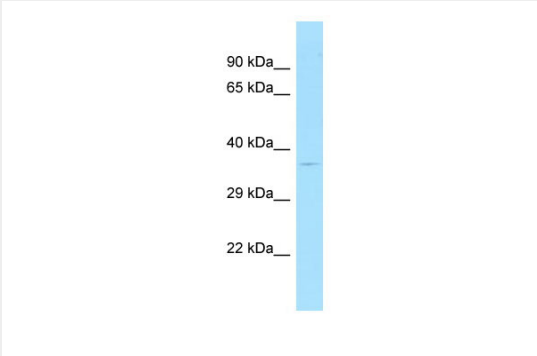
Cellular Location
Nucleus {ECO:0000255|HAMAP-Rule:MF_03047, ECO:0000269|PubMed:27601583}

ATXN7L3 Antibody - middle region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

ATXN7L3 Antibody - middle region - Images



WB Suggested Anti-ATXN7L3 Antibody Titration: 1.0 µg/ml
Positive Control: 721_B Whole Cell

ATXN7L3 Antibody - middle region - References

Ota T.,et al.Nat. Genet. 36:40-45(2004).
Bechtel S.,et al.BMC Genomics 8:399-399(2007).
Zhao Y.,et al.Mol. Cell 29:92-101(2008).
Daub H.,et al.Mol. Cell 31:438-448(2008).
Dephoure N.,et al.Proc. Natl. Acad. Sci. U.S.A. 105:10762-10767(2008).