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ATXN7L3 Antibody - middle region

Rabbit Polyclonal Antibody
Catalog # AI15419

Product Information

Application	WB
Primary Accession	Q14CW9
Other Accession	NM_020218, NP_064603
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Guinea Pig, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	38651

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.

Protein Information

Name	AT7L3
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: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

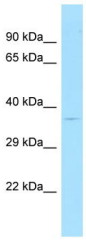
(PubMed:18206972). Regulates H2B monoubiquitination (H2Bub1) levels. Affects subcellular distribution of ENY2, USP22 and ATXN7L3B (PubMed:27601583).

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

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).

Images



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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.