ATXN7L3 RABBIT PAB

Cat.#: S218093

Product Name: Anti-ATXN7L3 Rabbit Polyclonal Antibody

Synonyms: SGF11

UNIPROT ID: Q14CW9 (Gene Accession - BC113595)

Background: 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 comple,x 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 comple,x 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).

Immunogen: Fusion protein of human ATXN7L3

Applications: ELISA, IHC

Recommended Dilutions: IHC: 100-200; ELISA: 5000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

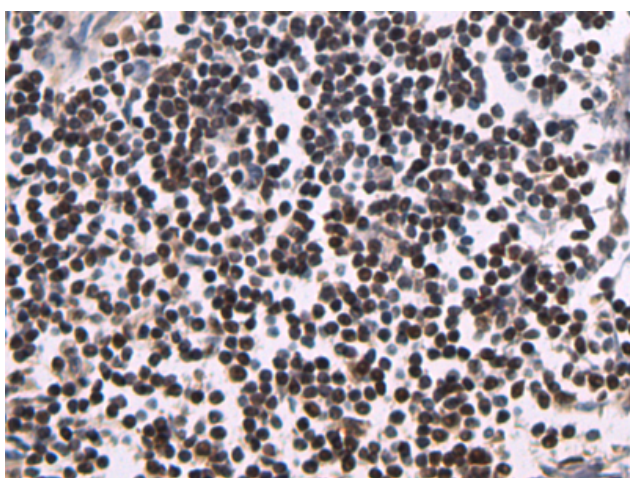**Isotype:** Immunogen-specific rabbit IgG

Purification: Antigen affinity purification

**Species Reactivity:** Human, Mouse

Constituents: PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Epigenetics and Nuclear Signaling, Cell Biology

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing

Immunohistochemistry analysis of paraffin embedded Human thyroid cancer tissue using 218093(ATXN7L3 Antibody) at a dilution of 1/135(Nucleus).
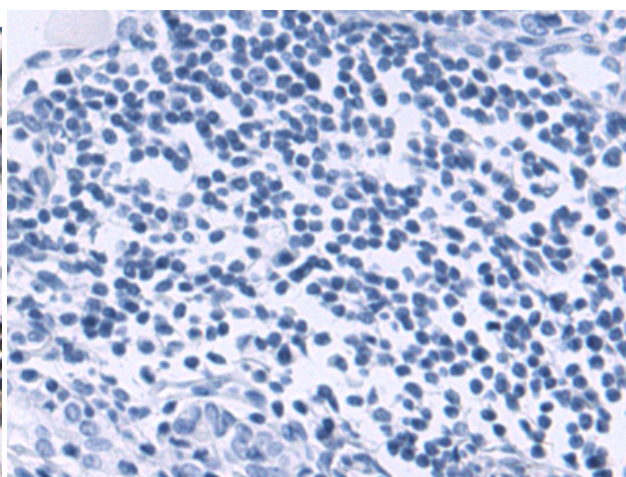
In comparision with the IHC on the left, the same paraffin-embedded Human thyroid cancer tissue is first treated with the fusion protein and then with 218093(Anti-ATXN7L3 Antibody) at dilution 1/135.