

## LYAR RABBIT PAB

**Cat.#:** S219364

**Product Name:** Anti-LYAR Rabbit Polyclonal Antibody

**Synonyms:** ZLYAR; ZC2HC2

**UNIPROT ID:** Q9NX58 (Gene Accession - BC015796 )

**Background:** Plays a role in the maintenance of the appropriate processing of 47S/45S pre-rRNA to 32S/30S pre-rRNAs and their subsequent processing to produce 18S and 28S rRNAs (PubMed:24495227). Also acts at the level of transcription regulation. Along with PRMT5, binds the gamma-globin (HBG1/HBG2) promoter and represses its expression (PubMed:25092918). In neuroblastoma cells, may also repress the expression of oxidative stress genes, including CHAC1, HMOX1, SLC7A11, ULBP1 and SNORD41 that encodes a small nucleolar RNA (PubMed:28686580). Preferentially binds to a DNA motif containing 5'-GGTAT-3' (PubMed:25092918). Stimulates phagocytosis of photoreceptor outer segments by retinal pigment epithelial cells (By similarity). Prevents nucleolin/NCL self-cleavage, maintaining a normal steady-state level of NCL protein in undifferentiated embryonic stem cells (ESCs), which in turn is essential for ESC self-renewal (By similarity).

**Immunogen:** Fusion protein of human LYAR

**Applications:** ELISA, WB, IHC

**Recommended Dilutions:** IHC: 50-200;WB: 1000-5000;ELISA: 5000-10000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

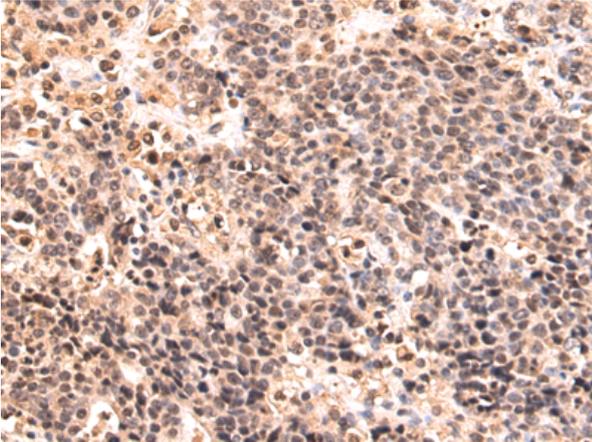
**Purification:** Antigen affinity purification

**Species Reactivity:** Human

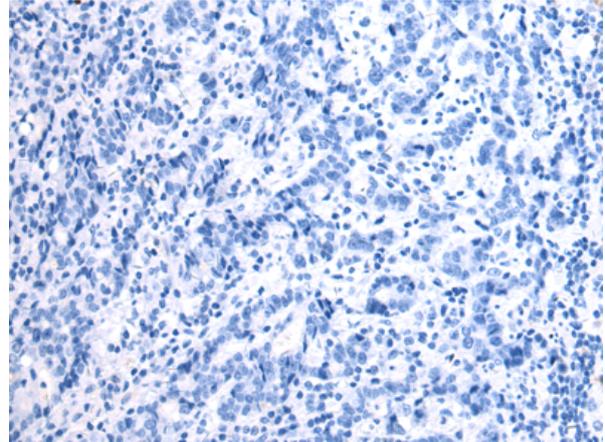
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Cell Biology

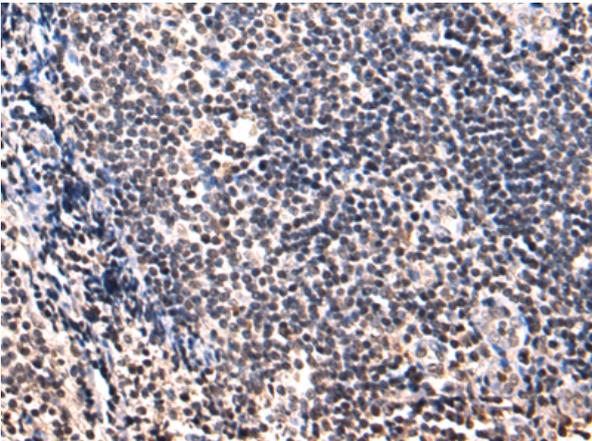
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



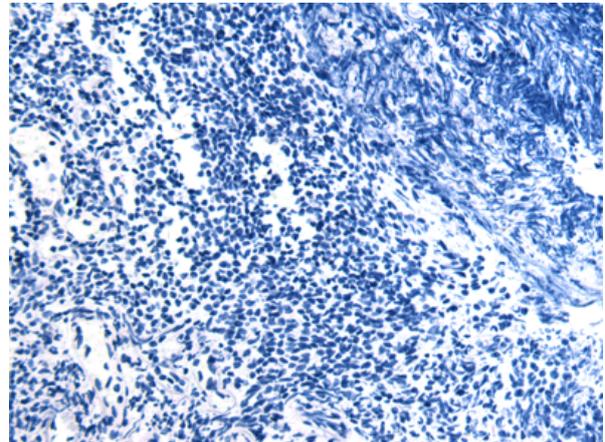
Immunohistochemistry analysis of paraffin embedded Human gastric cancer tissue using 219364(LYAR Antibody) at a dilution of 1/140(Nucleus).



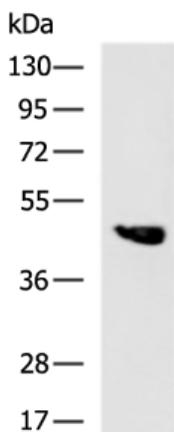
In comparison with the IHC on the left, the same paraffin-embedded Human gastric cancer tissue is first treated with the fusion protein and then with 219364(Anti-LYAR Antibody) at dilution 1/140.



The image on the left is immunohistochemistry of paraffin-embedded Human tonsil tissue using 219364(Anti-LYAR Antibody) at a dilution of 1/140.



In comparison with the IHC on the left, the same paraffin-embedded Human tonsil tissue is first treated with fusion protein and then with D226550(Anti-LYAR Antibody) at dilution 1/140.



Gel: 8%SDS-PAGE, Lysate: 40 µg;  
Lane: LOVO cell lysate;  
Primary antibody: 219364(LYAR Antibody) at dilution 1/1000;  
Secondary antibody: HRP-conjugated Goat anti rabbit IgG at 1/5000 dilution;  
Exposure time: 1 minute



# Product Description

Pioneering GTPase and Oncogene Product Development since 2010

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