

## HYAL3 RABBIT PAB

**Cat.#:** S217525

**Product Name:** Anti-HYAL3 Rabbit Polyclonal Antibody

**Synonyms:** LUCA3; HYAL-3; LUCA-3

**UNIPROT ID:** O43820 (Gene Accession - BC012892 )

**Background:** This gene encodes a member of the hyaluronidase family. Hyaluronidases are endoglycosidase enzymes that degrade hyaluronan, one of the major glycosaminoglycans of the extracellular matrix. The regulated turnover of hyaluronan plays a critical role in many biological processes including cell proliferation, migration and differentiation. The encoded protein may also play an important role in sperm function. This gene is one of several related genes in a region of chromosome 3p21.3 associated with tumor suppression, and the expression of specific transcript variants may be indicative of tumor status. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene, and some isoforms may lack hyaluronidase activity. This gene overlaps and is on the same strand as N-acetyltransferase 6 (GCN5-related), and some transcripts of each gene share a portion of the first exon.

**Immunogen:** Fusion protein of human HYAL3

**Applications:** ELISA, WB, IHC

**Recommended Dilutions:** IHC: 50-200;WB: 500-2000;ELISA: 2000-5000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

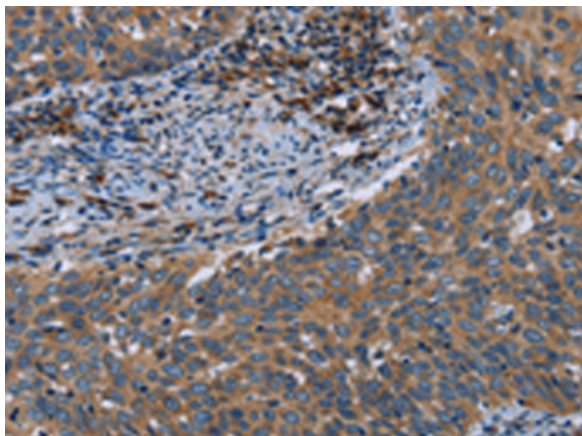
**Purification:** Antigen affinity purification

**Species Reactivity:** Human, Rat

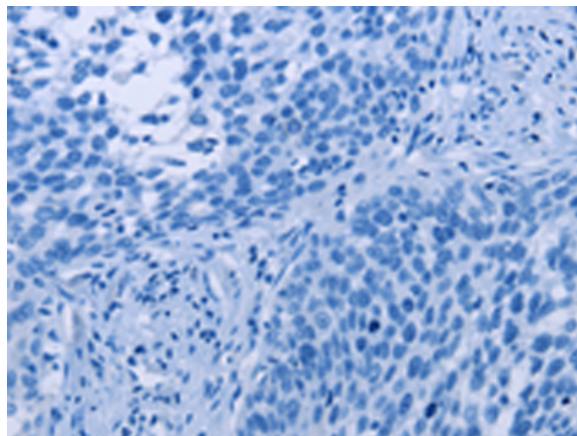
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Signal Transduction

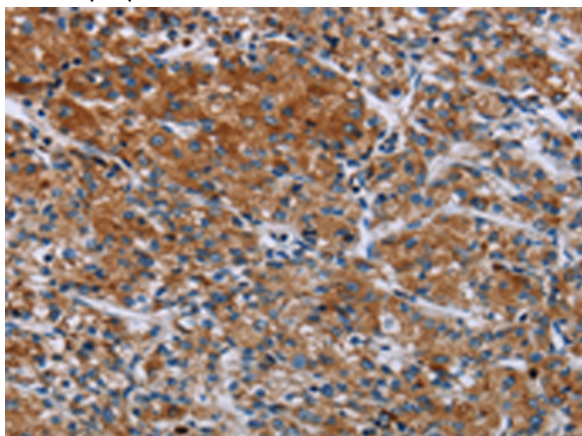
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



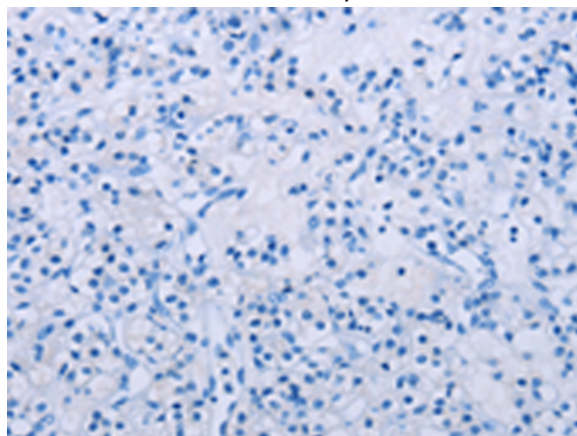
Immunohistochemistry analysis of paraffin embedded Human cervical cancer tissue using 217525(HYAL3 Antibody) at a dilution of 1/40(Cytoplasm).



In comparison with the IHC on the left, the same paraffin-embedded Human cervical cancer tissue is first treated with the fusion protein and then with 217525(Anti-HYAL3 Antibody) at dilution 1/40.



The image on the left is immunohistochemistry of paraffin-embedded Human prostate cancer tissue using 217525(Anti-HYAL3 Antibody) at a dilution of 1/40.



In comparison with the IHC on the left, the same paraffin-embedded Human prostate cancer tissue is first treated with fusion protein and then with D222521(Anti-HYAL3 Antibody) at dilution 1/40.



Gel: 8%SDS-PAGE, Lysate: 40 µg;  
Lane: Human kidney tissue;  
Primary antibody: 217525(HYAL3 Antibody) at dilution 1/400;  
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution;  
Exposure time: 3 minutes



# Product Description

Pioneering GTPase and Oncogene Product Development since 2010

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