Datasheet for ABIN3031265
anti-HYAL3 antibody (C-Term)
3 Images


## Overview

| Quantity: | $100 \mu \mathrm{gg}$ |
| :--- | :--- |
| Target: | HYAL3 |
| Binding Specificity: | C-Term |
| Reactivity: | Human, Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This HYAL3 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

Product Details

| Immunogen: | An amino acid sequence from the C-terminus of human Hyaluronoglucosaminidase 3 <br> $($ SHQRCHGHGRCARRD) was used as the immunogen for this HYAL3 antibody. |
| :--- | :--- |
| Isotype: | IgG |
| Purification: | Antigen affinity |
| Target Details | HYAL3 |
| Target: | HYAL3 (HYAL3 Products) |
| Alternative Name: | Hyaluronoglucosaminidase 3 is anenzyme that in humans is encoded by the HYAL3 gene, also |
| known as LUCA3, Hyaluronidase-3, Lung carcinoma protein 3, LUCA-3, LUCA14, and Minna14. |  |
| By Northern blot analysis, expression of a 2.1-kb transcript that was strongest in testis and |  |


|  | bone marrow, but relatively weak in other organs. HYAL3 encodes a predicted 417-amino acid |
| :--- | :--- |
|  | protein. This gene encodes a protein which is similar in structure to hyaluronidases. |
|  | Hyaluronidases intracellularly degrade hyaluronan, one of the major glycosaminoglycans of the |
|  | extracellular matrix. Hyaluronan is though to be involved in cell proliferation, migration and |
|  | differentiation. However, this protein has not yet been shown to have hyaluronidase activity. |
|  | The gene is one of several related genes in a region of chromosome 3p21.3 associated with |
| tumor suppression. |  |
| UniProt: | 043820 |

Pathways: Glycosaminoglycan Metabolic Process

## Application Details

| Application Notes: | The stated application concentrations are suggested starting amounts. Titration of the HYAL3 <br> antibody may be required due to differences in protocols and secondary/substrate sensitivity... <br> Western blot: $0.5-1 \mu \mathrm{~g} / \mathrm{mL}, \mathrm{HCC}$ (Paraffin): $0.5-1 \mu \mathrm{~g} / \mathrm{mL}$ |
| :--- | :--- |
| Restrictions: | For Research Use only |
| Handling | $0.5 \mathrm{mg} / \mathrm{mL}$ if reconstituted with 0.2 mL sterile DI water |
| Buffer: | $-20^{\circ} \mathrm{C}$ | | After reconstitution, the HYAL3 antibody can be stored for up to one month at $4^{\circ} \mathrm{C}$. For long- |
| :--- |
| Storage: |
| term, aliquot and store at $-20^{\circ} \mathrm{C}$. Avoid repeated freezing and thawing. |

## Images



## Immunohistochemistry

Image 1. IHC-P: HYAL3 antibody testing of human breast cancer tissue


