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

3 Images



Overview

| Quantity: | 100 µg |
|----------------------|--|
| 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 (SHQRCHGHGRCARRD) was used as the immunogen for this HYAL3 antibody. |
|---------------|---|
| lsotype: | lgG |
| Purification: | Antigen affinity |

Target Details

| Target: | HYAL3 |
|-------------------|--|
| Alternative Name: | HYAL3 (HYAL3 Products) |
| Background: | 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 |

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| | 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 |
| | antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. |
| | Western blot: 0.5-1 µg/mL,IHC (Paraffin): 0.5-1 µg/mL |
| Restrictions: | For Research Use only |
| | |
| Handling | |
| Buffer: | 0.5 mg/mL if reconstituted with 0.2 mL sterile DI water |
| Storage: | -20 °C |
| Storage Comment: | After reconstitution, the HYAL3 antibody can be stored for up to one month at 4°C. For long- |
| | term, aliquot and store at -20°C. Avoid repeated freezing and thawing. |

Images



Immunohistochemistry

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

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Western Blotting

Image 2. Western blot testing of HYAL3 antibody and Lane

1: 22RV; 2: HeLa; 3: V20S cell lysate. Expected size: ~47KD

Western Blotting

Image 3. Western blot testing of HYAL3 antibody and Lane 1: 22RV

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