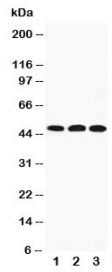
HYAL3 Antibody (R30955)

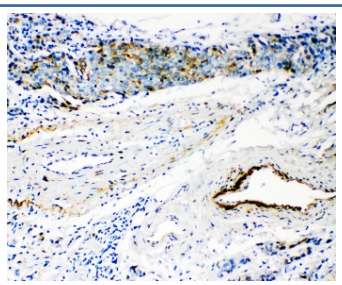
Catalog No.	Formulation	Size
R30955	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
UniProt	O43820
Applications	Western blot: 0.5-1ug/ml IHC (FFPE): 0.5-1ug/ml
Limitations	This HYAL3 antibody is available for research use only.



Western blot testing of HYAL3 antibody and Lane 1: 22RV; 2: HeLa; 3: V20S cell lysate.
Expected size: ~47KD



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

Description

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.

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.

Immunogen

An amino acid sequence from the C-terminus of human Hyaluronoglucosaminidase 3 (SHQRCHGHGRCARRD) was used as the immunogen for this HYAL3 antibody.

Storage

After reconstitution, the HYAL3 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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