

HYAL3 Antibody

Catalog No: #36540

Orders: order@signalwayantibody.com

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Description

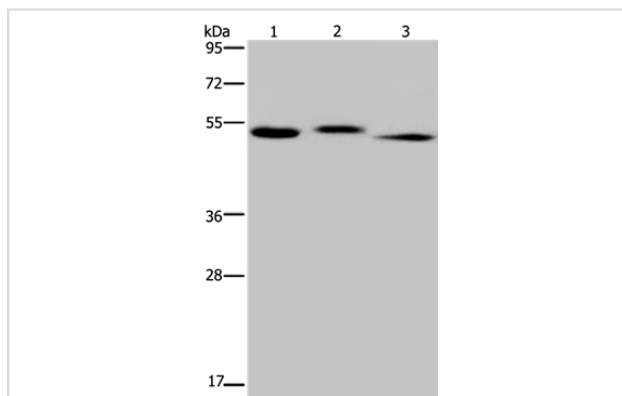
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|-----------------------|---|
| Product Name | HYAL3 Antibody |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Purification | Antigen affinity purification. |
| Applications | WB IHC |
| Species Reactivity | Hu |
| Specificity | The antibody detects endogenous levels of total HYAL3 protein. |
| Immunogen Type | Recombinant Protein |
| Immunogen Description | Fusion protein corresponding to a region derived from internal residues of human hyaluronoglucosaminidase 3 |
| Target Name | HYAL3 |
| Other Names | LUCA3; HYAL-3; LUCA-3 |
| Accession No. | Swiss-Prot#: O43820NCBI Gene ID: 8372Gene Accssion: BC012892 |
| Uniprot | O43820 |
| GeneID | 8372; |
| SDS-PAGE MW | 47kd |
| Concentration | 1.6mg/ml |
| Formulation | Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol. |
| Storage | Store at -20°C |

Application Details

Western blotting: 1:500-1:2000

Immunohistochemistry: 1:50-1:200

Images



Gel: 8%SDS-PAGE

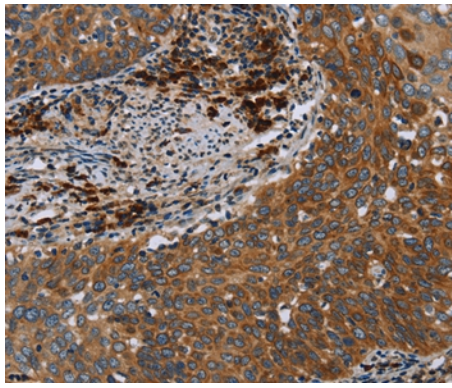
Lysates (from left to right): Human kidney tissue, HepG2 cell and human testis tissue

Amount of lysate: 40ug per lane

Primary antibody: 1/400 dilution

Secondary antibody dilution: 1/8000

Exposure time: 1 minute



Immunohistochemical analysis of paraffin-embedded Human cervical cancer tissue using #36540 at dilution 1/40.

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.

Note: This product is for in vitro research use only