

Rabbit anti-Human, Mouse HYAL3 Polyclonal Antibody | anti-HYAL3 antibody

Anti-HYAL3 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45494	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

HYAL3; Polyclonal Antibody; Anti-HYAL3 antibody; Hyaluronidase-3(Hyal-3); hyaluronoglucosaminidase 3; Hyal-3 antibody; HYAL3 antibody; HYAL3_HUMAN antibody; Hyaluronidase 3 antibody; Hyaluronidase-3 antibody; Hyaluronoglucosaminidase 3 antibody; Hyaluronoglucosaminidase-3 antibody; LUCA-3 antibody; LUCA14 antibody; LUCA3 antibody; Lung carcinoma protein 3 antibody; Minna14 antibody; anti-HYAL3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	417
Applicable Applications for anti-HYAL3 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human HYAL3 (357-371aa SHQRCHGHGRCARRD), different from the related rat sequence by three amino acids, and different from the related mouse sequence by one amino acid.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemistry)

Anti-HYAL3 antibody, AAA45494, IHC(P)IHC(P): Human Mammary Cancer Tissue



WB (Western Blot)

Anti-HYAL3 antibody, AAA45494, Western blottingLane 1: 22RV Cell LysateLane 2: HELA Cell LysateLane 3: V20S Cell Lysate

ADDITIONAL INFORMATION

Related Product Information for anti-HYAL3 antibody	Description: Rabbit IgG polyclonal antibody for Hyaluronidase-3(HYAL3) detection. Tested with WB, IHC-P in Human, Mouse. Background: HYAL3(hyaluronoglucosaminidase 3) is an enzyme that in humans is encoded by the HYAL3 gene, also known as LUCA3, Hyaluronidase-3, Lung carcinoma protein 3, LUCA-3, LUCA14, Minna14. By Northern blot analysis, expression of a 2.1-kb HYAL3 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	74739561
NCBI GeneID	8372
UniProt Accession #	O43820; O60540; Q8NFK2; Q8NFK3; Q8NFK4; Q96E56; Q9BRW9
Molecular Weight	15,865 Da
NCBI Official Full Name	Hyaluronidase-3
NCBI Official Synonym Full Names	hyaluronoglucosaminidase 3
NCBI Official Symbol	HYAL3
NCBI Official Synonym Symbols	LUCA3; HYAL-3; LUCA-3
NCBI Protein Information	hyaluronidase-3; lung carcinoma protein 3
UniProt Protein Name	Hyaluronidase-3
UniProt Gene Name	HYAL3
UniProt Synonym Gene Names	LUCA3; Hyal-3; LuCa-3
UniProt Entry Name	HYAL3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.