Rabbit anti-Human HYAL1 Polyclonal Antibody | anti-HYAL1 antibody

HYAL1 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284969	**Rabbit**	**Human**	**Western Blot, Immunohistochemistry, ELISA**

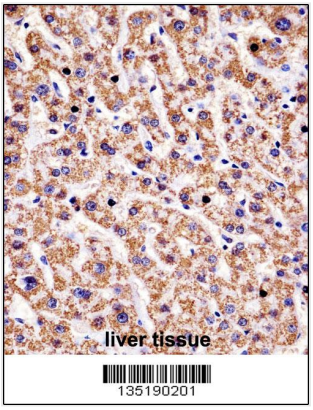
PRODUCT SYNONYMS

HYAL1; Polyclonal Antibody; HYAL1 Antibody (C-term); Hyaluronidase-1; Hyal-1; Hyaluronoglucosaminidase-1; Lung carcinoma protein 1; LuCa-1; LUCA1; anti-HYAL1 antibody

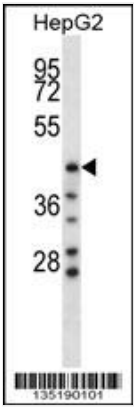
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This HYAL1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 280-309 amino acids from the C-terminal region of human HYAL1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	280-309
Sequence Length	336
Applicable Applications for anti-HYAL1 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
HYAL1 Antibody (C-term) (AAA284969)immunohistochemistry analysis in formalin fixed and paraffin embedded human liver tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of HYAL1 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
HYAL1 Antibody (C-term) western blot analysis in HepG2 cell line lysates (35ug/lane).This demonstrates the HYAL1 antibody detected the HYAL1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-HYAL1 antibody	This gene encodes a lysosomal hyaluronidase. Hyaluronidases intracellularly degrade hyaluronan, one of the major glycosaminoglycans of the extracellular matrix. Hyaluronan is thought to be involved in cell proliferation, migration and differentiation. This enzyme is active at an acidic pH and is the major hyaluronidase in plasma. Mutations in this gene are associated with mucopolysaccharidosis type IX, or hyaluronidase deficiency. The gene is one of several related genes in a region of chromosome 3p21.3 associated with tumor suppression. Multiple transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-HYAL1 antibody	Cancer; Signal Transduction
References	Lanktree, M.B., et al. Blood 116(12):2160-2163(2010) Gasingirwa, M.C., et al. Biochem. J. 430(2):305-313(2010) Tzuman, Y.C., et al. Neoplasia 12(1):51-60(2010) Jugessur, A., et al. PLoS ONE 5 (7), E11493 (2010) : Wang, X.Y., et al. Chin. Med. J. 122(11):1300-1304(2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	24497562
NCBI GeneID	3373
NCBI Accession #	NP_149349.2; NP_695013.1; NP_695014.1; NP_695015.1; NP_695017.1
NCBI GenBank Nucleotide #	NM_033159.3
UniProt Accession #	Q12794; Q6FH23; Q6PIZ6; Q7KYU2; Q7LE34; Q8NFK5; Q8NFK6; Q8NFK7; Q8NFK8; Q8NFK9; Q93013; Q9UKD5
Molecular Weight	48368
NCBI Official Full Name	hyaluronidase-1 isoform 1
NCBI Official Synonym Full Names	hyaluronoglucosaminidase 1
NCBI Official Symbol	HYAL1

NCBI Official Synonym Symbols	MPS9; NAT6; LUCA1; HYAL-1
NCBI Protein Information	hyaluronidase-1
UniProt Protein Name	Hyaluronidase-1
UniProt Gene Name	**HYAL1**
UniProt Synonym Gene Names	LUCA1; Hyal-1; LuCa-1
UniProt Entry Name	HYAL1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/polyclonal/hyal1-antibody-western-blot-immunohistochemistry-elisa/284969