

Datasheet for ABIN952807

anti-HYAL1 antibody (C-Term)

2 Images



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Overview

Quantity:	0.4 mL
Target:	HYAL1
Binding Specificity:	AA 279-309, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HYAL1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 279-309 amino acids from the C-terminal region of Human HYAL1 / Hyaluronidase-1
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human HYAL1 / Hyaluronidase-1 (C-term).
Purification:	Protein A column, followed by peptide affinity purification

Target Details

Target:	HYAL1
Alternative Name:	HYAL1 / Hyaluronidase-1 (HYAL1 Products)

Target Details

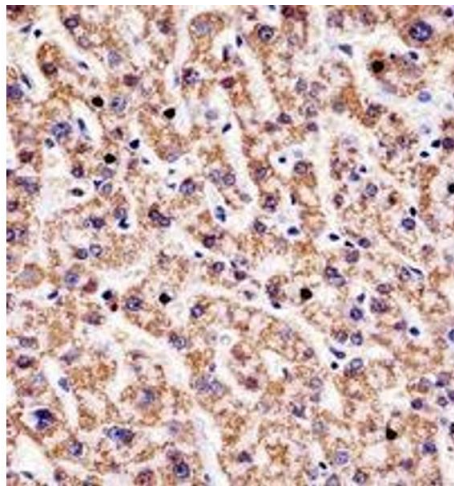
Background:	This gene encodes a lysosomal hyaluronidase. Hyaluronidases intracellularly degrade hyaluronan, one of the major glycosaminoglycans of the extracellular matrix. Hyaluronan is thought to be involved in cell proliferation, migration and differentiation. This enzyme is active at an acidic pH 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.Synonyms: Hyal-1, Hyaluronoglucosaminidase-1, LUCA1, Lung carcinoma protein 1
Molecular Weight:	48368 Da
Gene ID:	3373
NCBI Accession:	NP_695013
Pathways:	Glycosaminoglycan Metabolic Process

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

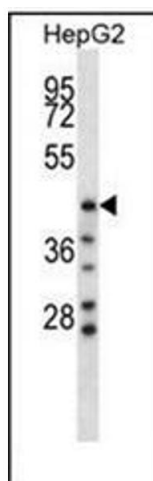
Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS containing 0.09 % (W/V) Sodium Azide as preservative
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry analysis in formalin fixed and paraffin embedded human liver tissue reacted with HYAL1 / Hyaluronidase-1 Antibody (C-term) followed by peroxidase conjugation of the secondary antibody and DAB staining.



Western Blotting

Image 2. Western blot analysis of HYAL1 / Hyaluronidase-1 Antibody (C-term) in HepG2 cell line lysates (35ug/lane). This demonstrates the HYAL1 antibody detected the HYAL1 protein (arrow).