



# Human HYAL1 blocking peptide (CDBP1532)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	Blocking/Immunizing peptide for anti-Hyaluronidase 1 antibody
<b>Antigen Description</b>	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. [provided by RefSeq, Jul 2008]
<b>Species</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Apuri, BL, ELISA
<b>Format</b>	Lyophilized powder
<b>Size</b>	100 µg
<b>Preservative</b>	None
<b>Storage</b>	Shipped at ambient temperature, store at -20°C.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">HYAL1 hyaluronoglucosaminidase 1 [ Homo sapiens ]</a>
<b>Official Symbol</b>	HYAL1

<b>Synonyms</b>	HYAL1; hyaluronoglucosaminidase 1; hyaluronidase-1; FUS2; HYAL 1; LUCA1; NAT6; luCa-1; hyaluronidase 1; plasma hyaluronidase; tumor suppressor LUCA-1; lung carcinoma protein 1; hyaluronoglucosaminidase-1; HYAL-1; MGC45987;
<b>Entrez Gene ID</b>	<a href="#">3373</a>
<b>mRNA Refseq</b>	<a href="#">NM_007312</a>
<b>Protein Refseq</b>	<a href="#">NP_009296</a>
<b>UniProt ID</b>	Q12794
<b>Chromosome Location</b>	3p21.3-p21.2
<b>Pathway</b>	Chondroitin sulfate degradation, organism-specific biosystem; Chondroitin sulfate degradation, conserved biosystem; Dermatan sulfate degradation, organism-specific biosystem; Dermatan sulfate degradation, conserved biosystem; Glycosaminoglycan degradation, organism-specific biosystem; Glycosaminoglycan degradation, conserved biosystem; Lysosome, organism-specific biosystem;
<b>Function</b>	hyaluronan synthase activity; hyaluronoglucosaminidase activity; NOT hyaluronoglucosaminidase activity; hydrolase activity, acting on glycosyl bonds; transcription factor binding; NOT viral receptor activity;