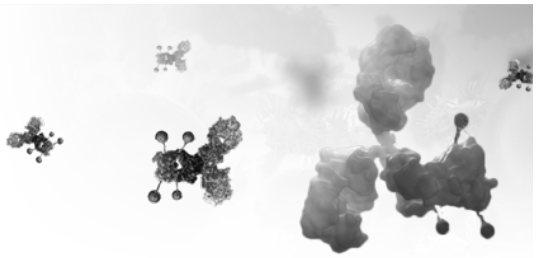

Human HYAL3 blocking peptide (CDBP1306)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-FUS2/NAT6 antibody
Antigen Description	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. [provided by RefSeq, Jan 2011]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	HYAL3 hyaluronoglucosaminidase 3 [Homo sapiens]

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

Official Symbol	HYAL3
Synonyms	HYAL3; hyaluronoglucosaminidase 3; hyaluronidase-3; LUCA 3; LUCA14; Minna14; lung carcinoma protein 3; LUCA3; HYAL-3; LUCA-3;
Entrez Gene ID	8372
mRNA Refseq	NM_001200029
Protein Refseq	NP_001186958
UniProt ID	O43820
Chromosome Location	3p21.3
Pathway	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; Metabolic pathways, organism-specific biosystem;
Function	hyaluronoglucuronidase activity; hyaluronon glucosaminidase activity; NOT hyaluronon glucosaminidase activity; hydrolase activity, acting on glycosyl bonds; NOT viral receptor activity;

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