



# Anti-HYAL1 polyclonal antibody (DPAB-DC684)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	HYAL1 (hyaluronoglucosaminidase 1) is a protein-coding gene. Diseases associated with HYAL1 include mucopolisaccharidoses, and mucopolysaccharidosis type ix, and among its related super-pathways are Metabolic pathways and Metabolism of carbohydrates. GO annotations related to this gene include hyaluronoglucosaminidase activity and transcription factor binding. An important paralog of this gene is SPAM1.
<b>Immunogen</b>	A synthetic peptide corresponding to mouse Hyal1. The sequence is SDKTSTKESCQ
<b>Source/Host</b>	Goat
<b>Species Reactivity</b>	Mouse
<b>Purification</b>	Antigen affinity purification
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA,
<b>Format</b>	Liquid
<b>Concentration</b>	0.5 mg/mL
<b>Size</b>	100 µg
<b>Buffer</b>	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">Hyal1 hyaluronoglucosaminidase 1 [ Mus musculus (house mouse) ]</a>
<b>Official Symbol</b>	HYAL1
<b>Synonyms</b>	HYAL1; hyaluronoglucosaminidase 1; Hya1; Hyal-1; hyaluronidase-1; hyaluronidase 1; hyaluronoglucosaminidase-1;
<b>Entrez Gene ID</b>	<a href="#">15586</a>
<b>Protein Refseq</b>	<a href="#">NP_032343</a>
<b>UniProt ID</b>	<a href="#">Q91ZJ9</a>
<b>Chromosome Location</b>	9 F1-F2; 9 58.17 cM
<b>Pathway</b>	CS/DS degradation; Chondroitin sulfate degradation; Dermatan sulfate degradation; Disease
<b>Function</b>	catalytic activity; hyaluronan synthase activity; hyaluronoglucosaminidase activity; hydrolase activity