



Anti-HYAL1 polyclonal antibody (DPAB-DC684)

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

PRODUCT INFORMATION

Antigen Description	HYAL1 (hyaluronoglucosaminidase 1) is a protein-coding gene. Diseases associated with HYAL1 include mucolipidoses, 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.
Immunogen	A synthetic peptide corresponding to mouse Hyal1. The sequence is SDKTSTKESQ
Source/Host	Goat
Species Reactivity	Mouse
Purification	Antigen affinity purification
Conjugate	Unconjugated
Applications	ELISA,
Format	Liquid
Concentration	0.5 mg/mL
Size	100 µg
Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Preservative	0.02% Sodium Azide
Storage	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

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