

HYAL1 polyclonal antibody

Catalog # PAB28571

Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) of human uterine corpus with HYAL1 polyclonal antibody (Cat # PAB28571) shows strong cytoplasmic positivity in glandular cells. Retrieval method: HIER pH6

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant HYAL1.
Immunogen	Recombinant protein corresponding to human HYAL1.
Sequence	SRALVQAQHPDWPAPQVEAVAQDQFQGAARAWMAGTLQLGRALRPRGLWGFYGFDCYNYDF LSPNYTGQCPSGIRAQNDQLGWLWGQSRALYPSIYMPAVLEGTGKSQMYVQHRVAEAFRVAVAA GDPNLPVLPYVQIFYDTTNHF
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:200-1:500) The optimal working dilution should be determined by the end user.

Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Gene Info — HYAL1

Entrez GeneID	3373
Protein Accession#	Q12794
Gene Name	HYAL1
Gene Alias	HYAL-1, LUCA1, MGC45987, NAT6
Gene Description	hyaluronoglucosaminidase 1
Omim ID	601492 607071
Gene Ontology	Hyperlink
Gene Summary	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]
Other Designations	hyaluronidase 1 plasma hyaluronidase tumor suppressor LUCA-1

Pathway

- [Glycosaminoglycan degradation](#)

- [Metabolic pathways](#)

Disease

- [Cleft Lip](#)
- [Cleft Palate](#)