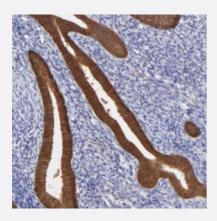
HYAL1 polyclonal antibody

Catalog # PAB28571 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffinembedded 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	SRALVQAQHPDWPAPQVEAVAQDQFQGAARAWMAGTLQLGRALRPRGLWGFYGFPDCYNYDF LSPNYTGQCPSGIRAQNDQLGWLWGQSRALYPSIYMPAVLEGTGKSQMYVQHRVAEAFRVAVAA GDPNLPVLPYVQIFYDTTNHF
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
lsotype	lgG
Recommend Usage	Immunohistochemistry (1:200-1:500) The optimal working dilution should be determined by the end user.

YearProduct InformationStorage BufferIn PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)Storage InstructionStore at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.NoteThis product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul
d be handled by trained staff only.

Applications

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Gene Info — HYAL1

Entrez GenelD	<u>3373</u>
Protein Accession#	<u>Q12794</u>
Gene Name	HYAL1
Gene Alias	HYAL-1, LUCA1, MGC45987, NAT6
Gene Description	hyaluronoglucosaminidase 1
Omim ID	<u>601492 607071</u>
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 involv ed in cell proliferation, migration and differentiation. This enzyme is active at an acidic pH and is t he major hyaluronidase in plasma. Mutations in this gene are associated with mucopolysaccharid osis 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 diff erent isoforms have been found for this gene. [provided by RefSeq
Other Designations	hyaluronidase 1 plasma hyaluronidase tumor suppressor LUCA-1

Pathway

<u>Glycosaminoglycan degradation</u>



• Metabolic pathways

Disease

- <u>Cleft Lip</u>
- <u>Cleft Palate</u>