

HYAL1 Polyclonal Antibody

Catalog NumberPA5-27901

Product data sheet

Details		Species Reactivity	
Size	100 µL	Species reactivity	Human
Host/Isotope	Rabbit / IgG	Tested Applications	
Class	Polyclonal	Immunohistochemistry (Paraffin) (IHC (P))	1:100-1:1,000
Type	Antibody	Western Blot (WB)	1:500-1:3,000
Immunogen	Recombinant fragment corresponding to a region within amino acids 3 and 374 of Human HYAL1	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Conjugate	Unconjugated		
Form	Liquid		
Concentration	1 mg/mL		
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.		

Product specific information

Recommended positive controls: 293T. Predicted reactivity: Pig (84%), Bovine (84%). Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

Background/Target Information

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.

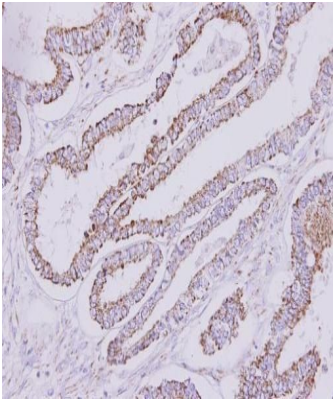
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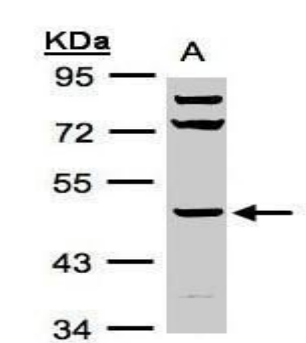
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Product Images For HYAL1 Polyclonal Antibody



HYAL1 Antibody (PA5-27901) in IHC (P)

Immunohistochemical analysis of HYAL1 in paraffin-embedded endometrial carcinoma using a HYAL1 polyclonal antibody (Product # PA5-27901) at a dilution of 1:500.



HYAL1 Antibody (PA5-27901) in WB

Western blot analysis of HYAL1 using 30 µg of 293T lysate. Samples were loaded onto a 7.5% SDS-PAGE gel and probed with a HYAL1 polyclonal antibody (Product # PA5-27901) at a dilution of 1:1000.

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