

Polyclonal Antibody to Hyaluronidase - Aff - Purified

Alternate names:	HYAL-1, HYAL1, HYAL2, Hyal-2, Hyaluronidase, Hyaluronoglucosaminidase, LUCA-1, LUCA1
Catalog No.:	AP21321PU-N
Quantity:	1 mg
Concentration:	2.0 mg/ml
Background:	Hyaluronidase degrades hyaluronic acid, which is an important structural proteoglycan found in basement membranes and also extracellular matrices. There are six members of the hyaluronidase family. Hyaluronidase PH20 is a GPI-anchored enzyme located on the human sperm surface and inner acrosomal membrane and plays a role in sperm penetration through the the hyaluronic acid-rich cumulus cell layer surrounding the oocyte. Abnormal expression of this gene has been implicated in degradation of basement membranes leading to tumor invasion and metastasis.
Host / Isotype:	Rabbit / IgG
Immunogen:	Hyaluronidase isolated and purified from Sheep testes. Freund's complete adjuvant is used in the first step of the immunization procedure.
Format:	State: Lyophilized hyperimmune purified IgG fraction. Purification: Solid Phase Affinity Chromatography. Buffer System: PBS, pH 7.2 stabilized with Dextran and without preservatives and foreign proteins. Reconstitution: Restore by adding 0.5 ml sterile distilled water.
Applications:	This product is intended for use in precipitating and non-precipitating antibody-binding assays such as e.g., ELISA and Western blotting and Immunofluorescence or Histochemical techniques (1/1,000-1/30,000). Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	The reagents were evaluated for potency, purity and specificity using most or all of the following techniques: Immunoelectrophoresis, Cross-Immunoelectrophoresis, single Radial Immunodiffusion (Ouchterlony), block titration, ELISA, Immunoblotting and Enzyme Inhibition. Species: Sheep. Other species not tested.
Storage:	Store the antibody lyophilized at 2-8°C and reconstituted at 2-8°C for one week or (in aliquots) at -20°C for longer. If a slight precipitation occurs upon storage, this should be removed by centrifugation. Shelf life: one year from despatch.