

Product datasheet for **AP21321AF-N**

Hyaluronidase Rabbit Polyclonal Antibody

Product data:

| | |
|-------------------------------|---|
| Product Type: | Primary Antibodies |
| Applications: | ELISA, ID, IF, IP, R, WB |
| Recommended Dilution: | 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 (1/1,000-1/4,000). |
| Reactivity: | Sheep |
| Host: | Rabbit |
| Isotype: | IgG |
| Clonality: | Polyclonal |
| Immunogen: | Hyaluronidase isolated and purified from Sheep testes. Freund's complete adjuvant is used in the first step of the immunization procedure. |
| 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. |
| Formulation: | PBS, pH 7.2 without preservatives and foreign proteins. State: Azide Free State: Lyophilized IgG fraction. |
| Reconstitution Method: | Restore by adding 1.0 ml sterile distilled water. |
| Concentration: | lot specific |
| Purification: | Ammonium Sulphate Precipitation and Ion Exchange Chromatography. |
| Conjugation: | Unconjugated |
| 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. |
| Stability: | Shelf life: one year from despatch. |



[View online »](#)

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.

Synonyms:

HYAL1, HYAL2, LUCA1, LUCA-1, HYAL-1, Hyal-2, Hyaluronoglucosaminidase, Hyaluronidase