

AP21321BT-N**Polyclonal Antibody to Hyaluronidase - Biotin****Alternate names:**

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

Quantity:

1 ml

Concentration:

10 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 IgG fraction.

Purification: Ammonium Sulphate Precipitation and Ion Exchange Chromatography.

Buffer System: PBS, pH 7.2 without preservatives and foreign proteins.

Label: Biotin

Molar Ratio: Biotin/IgG: ~1.0

Reconstitution: Restore by adding 1.0 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 (1/2,000-1/10,000).

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.