

Datasheet for ABIN568256 **anti-HAase antibody (Biotin)**



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Overview

Quantity:	1 mL
Target:	HAase
Reactivity:	Sheep
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HAase antibody is conjugated to Biotin
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunoprecipitation (IP), Dot Blot (DB), Enzyme Immunoassay (EIA), Immunodiffusion (ID), Radioimmunoassay (RIA)

Product Details

Immunogen:	Hyaluronidase isolated and purified from Sheep testes. Freund's complete adjuvant is used in the first step of the immunization procedure.
Isotype:	IgG
Characteristics:	Molar Ratio: Biotin/IgG: ~1.0
Purification:	Ammonium Sulphate Precipitation and Ion Exchange Chromatography.

Target Details

Target:	HAase
Alternative Name:	Hyaluronidase (HAase Products)
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

Target Details

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

Pathways: [Glycosaminoglycan Metabolic Process](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Reconstitution: Restore by adding 1.0 mL sterile distilled water.

Concentration: 10 mg/mL

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

Preservative: Without preservative

Storage: 4 °C/-20 °C

Storage Comment: 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.