

Datasheet for ABIN928458
anti-HYAL1 antibody (N-Term)



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2 Images

Overview

Quantity:	100 µL
Target:	HYAL1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Pig
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

Product Details

Immunogen:	HYAL1 antibody was raised in rabbit using the N terminal of HYAL1 as the immunogen
Cross-Reactivity:	Rat (Rattus), Mouse (Murine), Pig (Porcine), Cow (Bovine)
Purification:	Purified

Target Details

Target:	HYAL1
Alternative Name:	HYAL1 (HYAL1 Products)
Background:	HYAL1 is 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 HYAL1 are associated with mucopolysaccharidosis type IX, or hyaluronidase deficiency. HYAL1 is one of several related

Target Details

genes in a region of chromosome 3p21.3 associated with tumor suppression. Synonyms: Polyclonal HYAL1 antibody, Anti-HYAL1 antibody, hyaluronoglucosaminidase 1 antibody, HYAL-1 antibody, LUCA1 antibody, MGC45987 antibody, NAT6 antibody.

Pathways: [Glycosaminoglycan Metabolic Process](#)

Application Details

Application Notes: Optimal conditions should be determined by the investigator.

Comment: HYAL1 Blocking Peptide, catalog no. 33R-9982, is also available for use as a blocking control in assays to test for specificity of this HYAL1 antibody

Restrictions: For Research Use only

Handling

Format: Lyophilized

Concentration: Lot specific

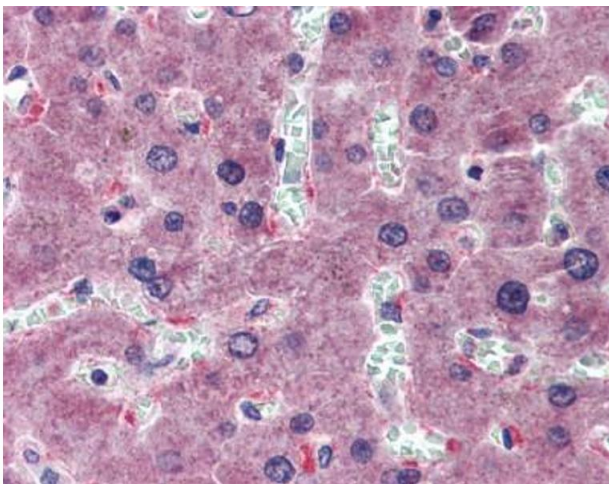
Buffer: Lyophilized powder. Add 50 μ L of distilled water. Final antibody concentration is 1 mg/mL in PBS buffer.

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: 4 °C/-20 °C

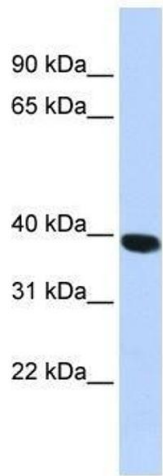
Storage Comment: Store at 4 °C, following reconstitution, aliquot and store at -20 °C.

Images



Immunohistochemistry

Image 1. HYAL1 antibody was used for immunohistochemistry at a concentration of 4-8 μ g/ml. Magnification is at 400X



Western Blotting

Image 2. Western Blot showing HYAL1 antibody used at a concentration of 1.0 ug/ml against HepG2 Cell Lysate