

Datasheet for ABIN952808
anti-HYAL2 antibody (Middle Region)[Go to Product page](#)

2 Images

Overview

Quantity:	0.4 mL
Target:	HYAL2
Binding Specificity:	AA 127-157, Middle Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HYAL2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 127-157 amino acids from the Central region of Human HYAL2 / Hyaluronidase-2.
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human HYAL2 / Hyaluronidase-2 (Center).
Purification:	Protein A column, followed by peptide affinity purification

Target Details

Target:	HYAL2
Alternative Name:	HYAL2 / Hyaluronidase-2 (HYAL2 Products)

Target Details

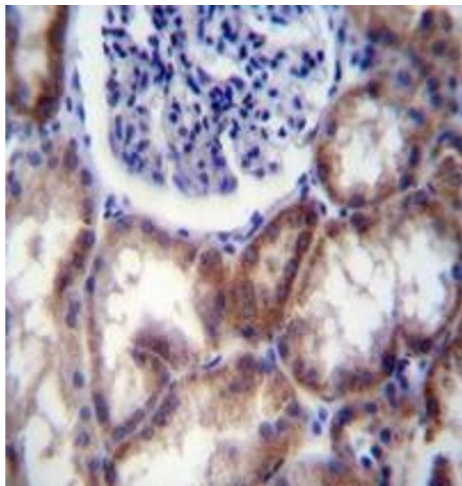
Background:	This gene encodes a weak acid-active hyaluronidase. The encoded protein is similar in structure to other more active hyaluronidases. Hyaluronidases degrade hyaluronan, one of the major glycosaminoglycans of the extracellular matrix. Hyaluronan and fragments of hyaluronan are thought to be involved in cell proliferation, migration and differentiation. Although it was previously thought to be a lysosomal hyaluronidase that is active at a pH below 4, the encoded protein is likely a GPI-anchored cell surface protein. This hyaluronidase serves as a receptor for the oncogenic virus Jaagsiekte sheep retrovirus. The gene is one of several related genes in a region of chromosome 3p21.3 associated with tumor suppression. This gene encodes two alternatively spliced transcript variants which differ only in the 5' UTR.Synonyms: Hyal-2, Hyaluronoglucosaminidase-2, LUCA2, Lung carcinoma protein 2
Molecular Weight:	53860 Da
Gene ID:	8692
NCBI Accession:	NP_003764
Pathways:	Transition Metal Ion Homeostasis , Glycosaminoglycan Metabolic Process

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

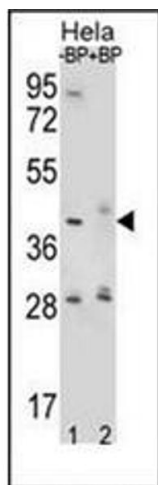
Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS containing 0.09 % (W/V) Sodium Azide as preservative
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry analysis in formalin fixed and paraffin embedded human kidney tissue reacted with HYAL2 / Hyaluronidase-2 Antibody (Center) followed by peroxidase conjugation of the secondary antibody and DAB staining.



Western Blotting

Image 2. Western blot analysis of HYAL2 / Hyaluronidase-2 Antibody (Center) Cat.-No AP52133PU-N pre-incubated without (lane 1) and with (lane 2) blocking peptide in Hela cell line lysate. HYAL2 Antibody (Center) (arrow) was detected using the purified Pab (1:60/250 dilution).