

Datasheet for ABIN656422
anti-HYAL2 antibody (AA 128-157)[Go to Product page](#)

2 Images

Overview

Quantity:	400 µL
Target:	HYAL2
Binding Specificity:	AA 128-157
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HYAL2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This HYAL2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 128-157 amino acids from the Central region of human HYAL2.
Clone:	RB31073
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	HYAL2
Alternative Name:	HYAL2 (HYAL2 Products)
Background:	This gene encodes a weak acid-active hyaluronidase. The encoded protein is similar in

Target Details

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.

Molecular Weight: 53860

Gene ID: 8692

NCBI Accession: [NP_003764](#), [NP_149348](#)

UniProt: [Q12891](#)

Pathways: [Transition Metal Ion Homeostasis](#), [Glycosaminoglycan Metabolic Process](#)

Application Details

Application Notes: WB: 1:1000. IHC-P: 1:10~50

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

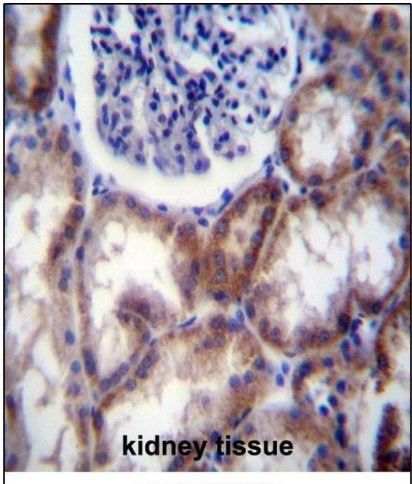
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

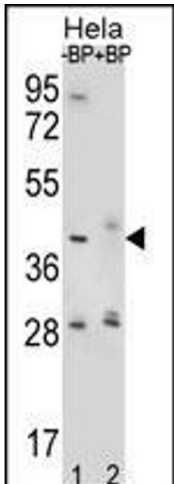
Storage Comment: HYAL2 Antibody (Center) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C.

Expiry Date: 6 months



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. HYAL2 Antibody (Center) (ABIN656422 and ABIN2845714) immunohistochemistry analysis in formalin fixed and paraffin embedded human kidney tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of HYAL2 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



Western Blotting

Image 2. Western blot analysis of HYAL2 Antibody (Center) Pab (ABIN656422 and ABIN2845714) 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.