

Rabbit anti-Human HYAL2 Polyclonal Antibody | anti-HYAL2 antibody

HYAL2 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289092	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

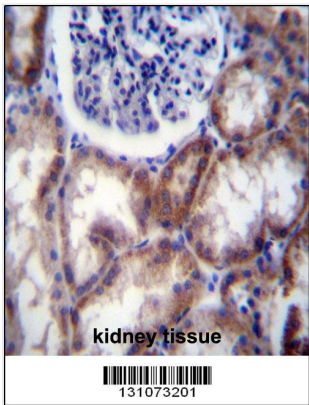
PRODUCT SYNONYMS

HYAL2; Polyclonal Antibody; HYAL2 Antibody (Center); Hyaluronidase-2; Hyal-2; Hyaluronoglucosaminidase-2; Lung carcinoma protein 2; LuCa-2; LUCA2; anti-HYAL2 antibody

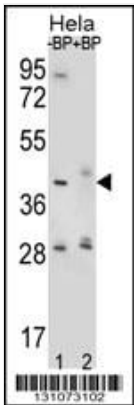
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	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.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.44 (varies by lot)
Sequence Positions	128-157
Sequence Length	473
Applicable Applications for anti-HYAL2 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
HYAL2 Antibody (Center) 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 HYL2 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of HYL2 Antibody (Center) Pab pre-incubated without(lane 1) and with(lane 2) blocking peptide in HeLa cell line lysate. HYL2 Antibody (Center) (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-HYL2 antibody	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.
Product Categories/Family for anti-HYL2 antibody	Cancer; Signal Transduction
References	Monzon, M.E., et al. J. Biol. Chem. 285(34):26126-26134(2010) Tzuman, Y.C., et al. Neoplasia 12(1):51-60(2010) de la Motte, C., et al. Am. J. Pathol. 174(6):2254-2264(2009) Nykopp, T.K., et al. BMC Cancer 9, 143 (2009) : Miller, A.D., et al. Osteoarthr. Cartil. 14(12):1315-1317(2006)

NCBI AND UNIPROT INFORMATION

NCBI GI #	15022801
NCBI GeneID	8692
NCBI Accession #	NP_003764.3; NP_149348.2
NCBI GenBank Nucleotide #	NM_003773.4
UniProt Accession #	Q12891; O15177; Q9BW29; B3KRZ2
Molecular Weight	53860
NCBI Official Full Name	hyaluronidase-2
NCBI Official Synonym Full Names	hyaluronoglucosaminidase 2

NCBI Official Symbol	HYAL2
NCBI Official Synonym Symbols	LUCA2
NCBI Protein Information	hyaluronidase-2
UniProt Protein Name	Hyaluronidase-2
UniProt Gene Name	HYAL2
UniProt Synonym Gene Names	LUCA2; Hyal-2; LuCa-2
UniProt Entry Name	HYAL2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/hyal2-antibody-immunohistochemistry-western-blot-elisa/289092>