

Rabbit HYAL2 Polyclonal Antibody | anti-HYAL2 antibody

Anti-HYAL2 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45509	Rabbit	Reacts with: Human, Rat Predicted to work with: Mouse	Western Blot

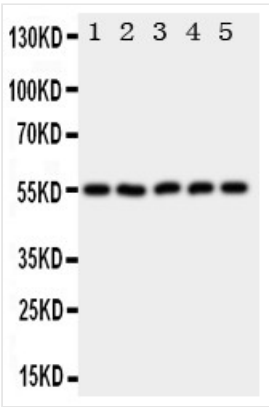
PRODUCT SYNONYMS

HYAL2; Polyclonal Antibody; Anti-HYAL2 antibody; Hyaluronidase-2(Hyal-2); hyaluronoglucosaminidase 2; Hyal 2 antibody; Hyal-2 antibody; Hyal2 antibody; HYAL2_HUMAN antibody; Hyaluronidase 2 antibody; Hyaluronidase 2 Precursor antibody; Hyaluronidase-2 antibody; Hyaluronoglucosaminidase 2 antibody; Hyaluronoglucosaminidase-2 antibody; LUCA 2 antibody; LUCA-2 antibody; LUCA2 antibody; Lung carcinoma protein 2 antibody; lysosomal hyaluronidase antibody; PH 20 homolog antibody; PH-20 homolog antibody; PH20 homolog antibody; anti-HYAL2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Reacts with: Human, Rat Predicted to work with: Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	No cross reactivity with other proteins.
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	473
Applicable Applications for anti-HYAL2 antibody	WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human HYAL2 (142-157aa VRNWQDKDVYRRLSRQ), different from the related mouse and rat sequences by three amino acids.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



WB (Western Blot)
Anti-HYAL2 antibody, AAA45509, Western blottingAll lanes: Anti HYAL2 (AAA45509) at 0.5ug/mL
Lane 1: HELA Whole Cell Lysate at 40ug
Lane 2: SMMC Whole Cell Lysate at 40ug
Lane 3: COLO320 Whole Cell Lysate at 40ug
Lane 4: MCF-7 Whole Cell Lysate at 40ug
Lane 5: HT1080 Whole Cell Lysate at 40ug
Predicted bind size: 54KD
Observed bind size: 54KD

ADDITIONAL INFORMATION

Related Product Information for anti-HYAL2 antibody

Description: Rabbit IgG polyclonal antibody for Hyaluronidase-2(HYAL2) detection. Tested with WB in Human, Mouse, Rat.

Background: HYAL2(hyaluronoglucosaminidase 2) also known as hyaluronidase 2, LuCa-2, is an enzyme that in humans is encoded by the HYAL2 gene. HYAL2 cDNAs encode a preprotein with an N-terminal signal peptide. Northern blot analysis indicated that HYAL2 was expressed in all human tissues tested except adult brain, and Western blot analysis detected Hyal2protein in all mouse tissues examined except adult brain. The HYAL2 gene is mapped on 3p21.31. HYAL2 is a glycosylphosphatidylinositol(GPI)-anchored protein on the cell surface and serves as a receptor for entry into the cell of the jaagsiekte sheep retrovirus(JSRV). The findings of Rai et al.(2001) that HYAL2 is a GPI-anchored protein on the cell surface showed that GFP would likely be cleaved from HYAL2 during GPI addition, leaving HYAL2 on the cell surface and resulting in GFP transit to the lysosome for degradation.

NCBI AND UNIPROT INFORMATION

NCBI GI #	311033483
NCBI GeneID	8692
UniProt Accession #	Q12891; O15177; Q9BW29; B3KRZ2
Molecular Weight	53,860 Da
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; hyal-2; PH20 homolog; PH-20 homolog; hyaluronidase 2; lysosomal hyaluronidase; lung carcinoma protein 2; hyaluronoglucosaminidase-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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/hyal2-antibody-western-blot-elisa/45509>