Rabbit HYAL1 Polyclonal Antibody | anti-HYAL1 antibody

HYAL1 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200117	**Rabbit**	**Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat**	**Immunohistochemistry, Western Blot**

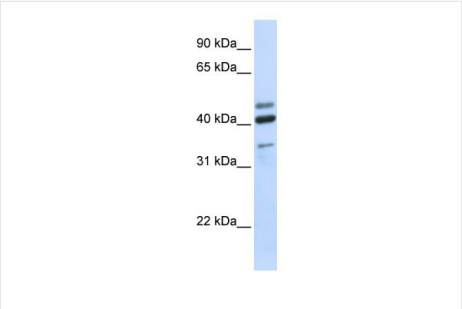
PRODUCT SYNONYMS

HYAL1; Polyclonal Antibody; HYAL1 antibody - N-terminal region; anti-HYAL1 antibody

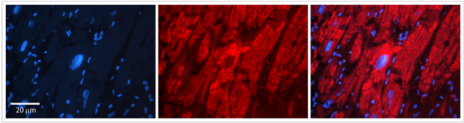
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Syntheticp eptideloca tedwithint hefollowin gregion:TI FYSSQLGTYP YYTPTGEPVF GGLPQNASLI AHLARTFQDI LAAIPAPD
Sequence Length	435
Applicable Applications for anti-HYAL1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 86%; Dog: 85%; Guinea Pig: 86%; Horse: 93%; Human: 100%; Mouse: 92%; Rabbit: 93%; Rat: 92%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human HYAL1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
WB Suggested Anti-HYAL1 Antibody Titration: 0.2-1 ug/mlELISA Titer: 1:312500Positive Control: Human brain



IHC (Immunohistochemistry)
Rabbit Anti-HYAL1 AntibodyFormalin Fixed Paraffin Embedded Tissue: Human heart TissueObserved Staining: CytoplasmicPrimary Antibody Concentration: 1:100Other Working Concentrations: N/ASecondary Antibody: Donkey anti-Rabbit-Cy3Secondary Antibody Concentration: 1:200Magnification: 20XExposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-HYAL1 antibody	This is a rabbit polyclonal antibody against HYAL1. It was validated on Western Blot using a cell lysate as a positive control. Target Description: 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 this gene are associated with mucopolysaccharidosis type IX, or hyaluronidase deficiency. This gene is one of several related genes in a region of chromosome 3p21.3 associated with tumor suppression. Multiple transcript variants encoding different isoforms have been found for this gene.This gene encodes 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 this gene are associated with mucopolysaccharidosis type IX, or hyaluronidase deficiency. The gene is one of several related genes in a region of chromosome 3p21.3 associated with tumor suppression. Multiple transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-HYAL1 antibody	Polyclonal; Signal Proteins; Drugs and Drug Metabolism; Disease Related

NCBI AND UNIPROT INFORMATION

NCBI GI #	24497566
NCBI GeneID	3373
NCBI Accession #	NP_695014
NCBI GenBank Nucleotide #	NM_153282
UniProt Accession #	Q12794
Molecular Weight	45kDa
NCBI Official Full Name	hyaluronidase-1 isoform 2
NCBI Official Synonym Full Names	hyaluronidase 1
NCBI Official Symbol	HYAL1
NCBI Official Synonym Symbols	MPS9; NAT6; LUCA1; HYAL-1
NCBI Protein Information	hyaluronidase-1
UniProt Protein Name	Hyaluronidase-1
UniProt Gene Name	**HYAL1**
UniProt Synonym Gene Names	LUCA1; Hyal-1; LuCa-1
UniProt Entry Name	HYAL1_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/hyal1-antibody-immunohistochemistry-western-blot-elisa/200117