Rabbit anti-Human, Mouse HYAL3 Polyclonal Antibody | anti-HYAL3 antibody

HYAL3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA118948	**Rabbit**	**Human, Mouse**	**Immunohistochemistry, Western Blot, ELISA**

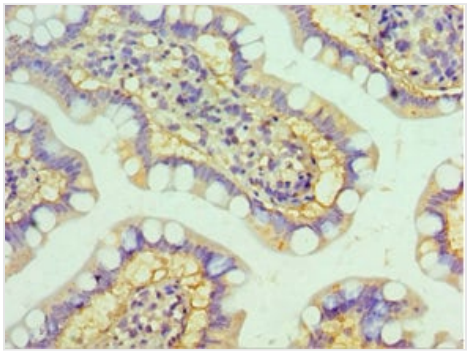
PRODUCT SYNONYMS

HYAL3; Polyclonal Antibody; HYAL3 Antibody; Hyal-3; Hyaluronoglucosaminidase-3; Lung carcinoma protein 3; LuCa-3; LUCA3; anti-HYAL3 antibody

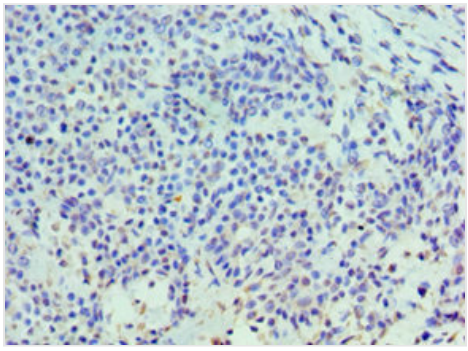
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Sequence Length	417
Applicable Applications for anti-HYAL3 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Conjugate	Non-conjugated
Immunogen	Recombinant human Hyaluronidase-3 protein (198-417aa)
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-49211
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

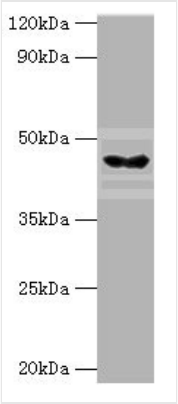
IMAGES



IHC (Immunohistochemisry)
Immunohistochemistry of paraffin-embedded human small intestine using AAA118948 at dilution 1:100



IHC (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded human breast cancer using AAA118948 at dilution 1:100



WB (Western Blot)
Western blotAll lanes: HYAL3 antibody at 4ug/ml+mouse liver tissueSecondaryGoat polyclonal to rabbit at 1/10000 dilutionPredicted band size: 47,44,19,16 kDaObserved band size: 46 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-HYAL3 antibody	This gene encodes a member of the hyaluronidase family. Hyaluronidases are endoglycosidase enzymes that degrade hyaluronan, one of the major glycosaminoglycans of the extracellular matrix. The regulated turnover of hyaluronan plays a critical role in many biological processes including cell proliferation, migration and differentiation. The encoded protein may also play an important role in sperm function. This gene is one of several related genes in a region of chromosome 3p21.3 associated with tumor suppression, and the expression of specific transcript variants may be indicative of tumor status. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene, and some isoforms may lack hyaluronidase activity. This gene overlaps and is on the same strand as N-acetyltransferase 6 (GCN5-related), and some transcripts of each gene share a portion of the first exon.

NCBI AND UNIPROT INFORMATION

NCBI GI #	318037447
NCBI GeneID	8372
NCBI Accession #	NP_001186958.1
NCBI GenBank Nucleotide #	NM_001200029.1
UniProt Accession #	O43820; O60540; Q8NFK2; Q8NFK3; Q8NFK4; Q96E56; Q9BRW9
Molecular Weight	15,865 Da
NCBI Official Full Name	hyaluronidase-3 isoform 1
NCBI Official Synonym Full Names	hyaluronoglucosaminidase 3
NCBI Official Symbol	HYAL3
NCBI Official Synonym Symbols	LUCA3; HYAL-3; LUCA-3
NCBI Protein Information	hyaluronidase-3
UniProt Protein Name	Hyaluronidase-3
UniProt Gene Name	**HYAL3**
UniProt Synonym Gene Names	LUCA3; Hyal-3; LuCa-3
UniProt Entry Name	HYAL3_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.