

HYAL4 Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP13683c**Specification**

HYAL4 Antibody (Center) Blocking peptide - Product Information

Primary Accession [Q2M3T9](#)

HYAL4 Antibody (Center) Blocking peptide - Additional Information

Gene ID 23553

Other Names

Hyaluronidase-4, Hyal-4, Chondroitin sulfate endo-beta-N-acetylgalactosaminidase, Chondroitin sulfate hydrolase, CSHY, Hyaluronoglucosaminidase-4, HYAL4

Target/Specificity

The synthetic peptide sequence used to generate the antibody AP13683c was selected from the Center region of HYAL4. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

HYAL4 Antibody (Center) Blocking peptide - Protein Information

Name HYAL4

Function

Endo-hyaluronidase that degrades hyaluronan to smaller oligosaccharide fragments. Has also chondroitin sulfate hydrolase activity, The best substrate being the galactosaminidic linkage in the sequence of a trisulfated tetrasaccharide.

Cellular Location

Membrane; Multi-pass membrane protein

Tissue Location

Detected in placenta and skeletal muscle.

HYAL4 Antibody (Center) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

HYAL4 Antibody (Center) Blocking peptide - Images

HYAL4 Antibody (Center) Blocking peptide - Background

This gene encodes a protein which is similar in structure to hyaluronidases. 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. However, this protein has not yet been shown to have hyaluronidase activity. [provided by RefSeq].

HYAL4 Antibody (Center) Blocking peptide - References

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) : Kaneiwa, T., et al. Glycobiology 20(3):300-309(2010) Fiszler-Szafarz, B., et al. J. Biochem. Biophys. Methods 45(2):103-116(2000) Csoka, A.B., et al. Genomics 60(3):356-361(1999)