

OGN Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP11671b**Specification**

OGN Antibody (C-term) Blocking peptide - Product Information

Primary Accession [P20774](#)

OGN Antibody (C-term) Blocking peptide - Additional Information

Gene ID 4969

Other Names

Mimecan, Osteoglycin, Osteoinductive factor, OIF, OGN, OIF, SLRR3A

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.

OGN Antibody (C-term) Blocking peptide - Protein Information

Name OGN

Synonyms OIF, SLRR3A

Function

Induces bone formation in conjunction with TGF-beta-1 or TGF- beta-2.

Cellular Location

Secreted, extracellular space, extracellular matrix {ECO:0000250|UniProtKB:Q8MJF1}

Tissue Location

Bone.

OGN Antibody (C-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

OGN Antibody (C-term) Blocking peptide - Images

OGN Antibody (C-term) Blocking peptide - Background

The hepatotrophic factor designated augmentor of liver regeneration (ALR) is thought to be one of the factors responsible for the extraordinary regenerative capacity of mammalian liver. It has also been called hepatic regenerative stimulation substance (HSS). The gene resides on chromosome 16 in the interval containing the locus for polycystic kidney disease (PKD1). The putative gene product is 42% similar to the scERV1 protein of yeast. The yeast scERV1 gene had been found to be essential for oxidative phosphorylation, the maintenance of mitochondrial genomes, and the cell division cycle. The human gene is both the structural and functional homolog of the yeast scERV1 gene.

OGN Antibody (C-term) Blocking peptide - References

Dong, L.Y., et al. Biochem. J. 431(2):277-287(2010) Li, W., et al. FEBS Lett. 584(18):3929-3935(2010) Daithankar, V.N., et al. Biochemistry 49(31):6737-6745(2010) Dayoub, R., et al. Biochem. Biophys. Res. Commun. 395(4):465-470(2010) Chang, J., et al. World J. Gastroenterol. 16(2):193-200(2010)