

OGN Antibody (N-term K75) Blocking Peptide
Synthetic peptide
Catalog # BP6578a**Specification**

OGN Antibody (N-term K75) Blocking Peptide - Product InformationPrimary Accession [P20774](#)**OGN Antibody (N-term K75) Blocking Peptide - Additional Information****Gene ID** 4969**Other Names**

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

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP6578a](/products/AP6578a) was selected from the N-term region of human OGN. 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.

OGN Antibody (N-term K75) 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 (N-term K75) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

OGN Antibody (N-term K75) Blocking Peptide - Images**OGN Antibody (N-term K75) Blocking Peptide - Background**

OGN is a protein which induces ectopic bone formation in conjunction with transforming growth factor beta. This protein is a small proteoglycan which contains tandem leucine-rich repeats (LRR).

OGN Antibody (N-term K75) Blocking Peptide - References

Williamson, R.E., *Hear. Res.* 237 (1-2), 57-65 (2008)