

OC90 Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP11678c**Specification**

OC90 Antibody (Center) Blocking peptide - Product InformationPrimary Accession [Q02509](#)**OC90 Antibody (Center) Blocking peptide - Additional Information****Gene ID** 729330**Other Names**

Otoconin-90, Oc90, Phospholipase A2 homolog, OC90, PLA2L

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.

OC90 Antibody (Center) Blocking peptide - Protein Information**Name** OC90 ([HGNC:8100](#))**Synonyms** PLA2L**Function**

Major protein of the otoconia, a calcium carbonate structure in the saccule and utricle of the ear. Together with OTOL1, acts as a scaffold for otoconia biomineralization: sequesters calcium and forms interconnecting fibrils between otoconia that are incorporated into the calcium crystal structure. Together with OTOL1, modulates calcite crystal morphology and growth kinetics. It is unlikely that this protein has phospholipase A2 activity.

Cellular Location

Secreted {ECO:0000250|UniProtKB:P81869}.

OC90 Antibody (Center) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

OC90 Antibody (Center) Blocking peptide - Images**OC90 Antibody (Center) Blocking peptide - Background**

Nucleolin (NCL), a eukaryotic nucleolar phosphoprotein, is involved in the synthesis and maturation of ribosomes. It is located mainly in dense fibrillar regions of the nucleolus. Human NCL gene consists of 14 exons with 13 introns and spans approximately 11kb. The intron 11 of the NCL gene encodes a small nucleolar RNA, termed U20.

OC90 Antibody (Center) Blocking peptide - References

Ishimaru, D., et al. J. Biol. Chem. 285(35):27182-27191(2010) Tulchin, N., et al. Am. J. Pathol. 176(3):1203-1214(2010) Strang, B.L., et al. J. Virol. 84(4):1771-1784(2010) Bertrand, L., et al. J. Virol. 84(1):109-118(2010) Jerke, U., et al. PLoS ONE 4 (12), E8302 (2009) :