10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

OC90 Antibody (Center) Blocking peptide

Synthetic peptide
Catalog # BP11678c

Specification

OC90 Antibody (Center) Blocking peptide - Product Information

Primary 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

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OC90 Antibody (Center) Blocking peptide - Images

OC90 Antibody (Center) Blocking peptide - Background

Nucleolin (NCL), a eukaryotic nucleolar phosphoprotein, isinvolved in the synthesis and maturation of ribosomes. It islocated mainly in dense fibrillar regions of the nucleolus. HumanNCL gene consists of 14 exons with 13 introns and spansapproximately 11kb. The intron 11 of the NCL gene encodes a smallnucleolar 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) :