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

OC90 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP57888

Product Information

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q02509
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	51728

Additional Information

Gene ID	729330
Other Names	Otoconin-90, Oc90, Phospholipase A2 homolog, OC90 (HGNC:8100), PLA2L
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

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}.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.