

OC90 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP57888

Product Information

Application IHC-P, IHC-F, IF, ICC, E

Primary Accession

Reactivity

Human

Host

Clonality

Polyclonal

Calculated MW

51728

Additional Information

Gene ID 729330

Other Names Otoconin-90, Oc90, Phospholipase A2 homolog, OC90 (<u>HGNC:8100</u>), PLA2L

Dilution IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-

10000

Format 0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce

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 (<u>HGNC:8100</u>)

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'.