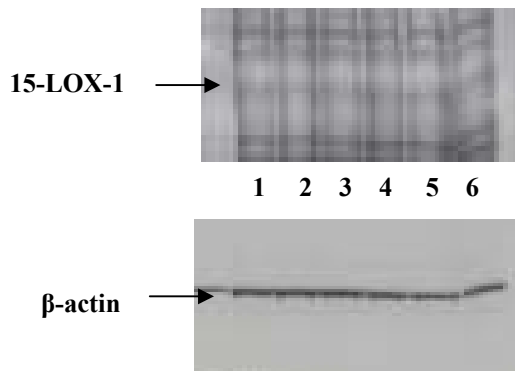
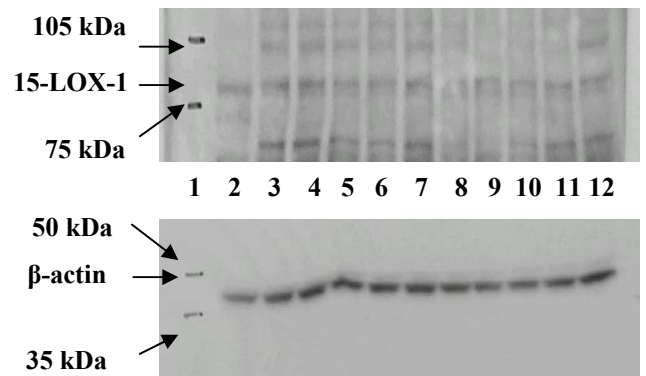


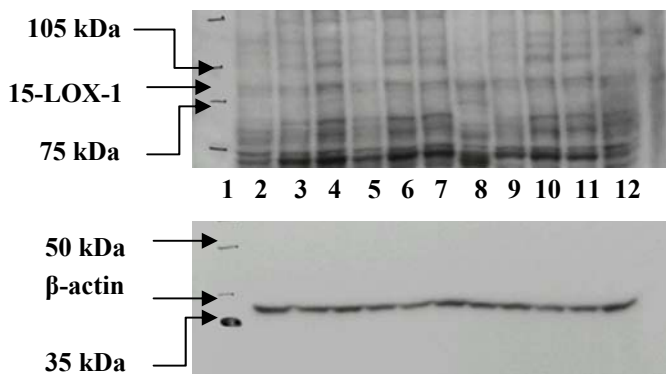
## WESTERN BLOTTING OF 15-LOX-1 IN SZ95 SEBOCYTES



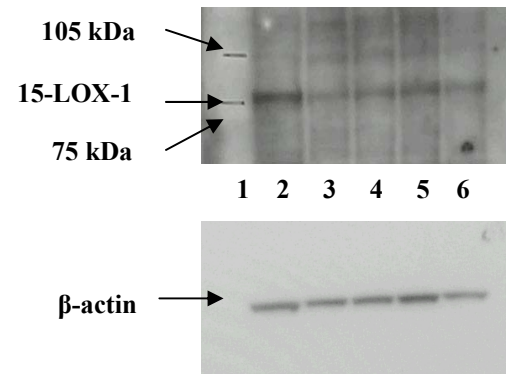
**Fig. 3a. Protein expression of 15-LOX-1 in whole lysates of SZ95 sebocytes after 30 minutes' incubation with AA and/or CaI.** A 75 kDa band corresponding to 15-LOX-1 was observed. B-actin (42 kDa) was used as housekeeping protein. Lanes: 1. Control; 2. Cells treated with AA (100  $\mu$ M); 3. Cells treated with CaI (0.1  $\mu$ M); 4. Cells treated with AA (100  $\mu$ M) and CaI (0.1  $\mu$ M); 5. Cells treated with CaI (1  $\mu$ M); 6. Cells treated with AA (100  $\mu$ M) and CaI (1  $\mu$ M). The blotting is representative of two independent experiments.



**Fig. 3b. Protein expression of 15-LOX-1 in supernatants SZ95 sebocytes after 30 minutes' (lanes 3-8) and 6 hours' (lanes 9-12) incubation with AA and/or CaI.** A 75 kDa band corresponding to 15-LOX-1 was observed. B-actin (42 kDa) was used as housekeeping protein. Lanes: 1. Molecular weight marker; 2. A549 cells treated with IL-4; 3. Control; 4. Cells treated with AA (100  $\mu$ M); 5. Cells treated with CaI (0.1  $\mu$ M); 6. Cells treated with AA (100  $\mu$ M) and CaI (0.1  $\mu$ M); 7. Cells treated with CaI (1  $\mu$ M); 8. Cells treated with AA (100  $\mu$ M) and CaI (1  $\mu$ M); 9. Control; 10. Cells treated with AA (100  $\mu$ M); 11. Cells treated with CaI (0.1  $\mu$ M); 12. Cells treated with AA (100  $\mu$ M) and CaI (0.1  $\mu$ M). The blotting is representative of five independent experiments.



**Fig. 3c. Protein expression of 15-LOX-1 in supernatants of SZ95 sebocytes after 1 hour's (lanes 2-7) and 12 hours' (lanes 9-12) incubation with AA and/or CaI.** A 75 kDa band corresponding to 15-LOX-1 was observed. B-actin (42 kDa) was used as housekeeping protein. Lanes: 1. Molecular weight marker; 2. Control; 3. Cells treated with AA (100  $\mu$ M); 4. Cells treated with CaI (0.1  $\mu$ M); 5. Cells treated with AA (100  $\mu$ M) and CaI (0.1  $\mu$ M); 6. Cells treated with CaI (1  $\mu$ M); 7. Cells treated with AA (100  $\mu$ M) and CaI (1  $\mu$ M); 8. A549 cells treated with IL-4; 9. Control; 10. Cells treated with AA (100  $\mu$ M); 11. Cells treated with CaI (0.1  $\mu$ M); 12. Cells treated with AA (100  $\mu$ M) and CaI (0.1  $\mu$ M). The blotting is representative of five independent experiments.



**Fig. 3d. Protein expression of 15-LOX-1 in supernatants of SZ95 sebocytes after 24 hours' incubation with AA and/or CaI.** A 75 kDa band corresponding to 15-LOX-1 was observed. B-actin (42 kDa) was used as housekeeping protein. Lanes: 1. Molecular weight marker; 2. A549 cells treated with IL-4; 3. Control; 4. Cells treated with AA (100  $\mu$ M); 5. Cells treated with CaI (0.1  $\mu$ M); 6. Cells treated with AA (100  $\mu$ M) and CaI (0.1  $\mu$ M); The blotting is representative of five independent experiments.