

Which **apolipoproteins** do **chylomicrons** express on their surface?

Apolipoproteins A-I, B-48, C-II, and E

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- *A-I activates LCAT, which converts cholesterol into cholesterol esters for more efficient packing inside the chylomicron*
- *B-48 allows Chylomicrons to enter lacteals (mediates chylomicron secretion into lymphatics, which eventually empty into the thoracic duct which empties into the blood stream at the subclavian vein)*
- *C-II activates LPL on the vascular endothelium, allowing chylomicrons to deliver TAGs to peripheral tissue, at which place LPL cleaves TAGs to release FFA*
- *E binds to the remnant receptor on the liver, allowing Chylomicron Remnants to be uptaken*

