

Antibody Validation Report

aVR.APOC3.P02656.AB_1238917.v1.0 (January 4_2021)



A. Basic Target Information

Target Information

UniProt Accession Number: P02656

Target Name: Apolipoprotein C-III

Antibody Information

RRID: AB_1238917

Antibody Name: [A12] GOAT ANTI-HUMAN APOLIPOPROTEIN CIII POLYCLONAL AN
Host Organism: Goat

Clonality: Polyclonal

Vendor: Academy Bio-Medical Company, Inc.

Catalog Number: 33A-G2

Lot Number: 112075

Recombinant (Y/N): No

Organ/Tissue used for validation: Commercial Serum

HuBMAP Platform Used: IP-MS

Protocols.io doi for Validation Protocol: 10.17504/protocols.io.bs7rnhm6

ORCID ID of submitter: 0000-0002-4549-2585

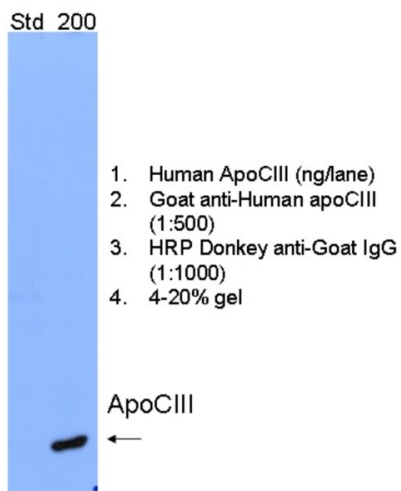
B. Validation Data

B.1. Vendor Validation: IP, WB

Date Accessed: 01/07/21

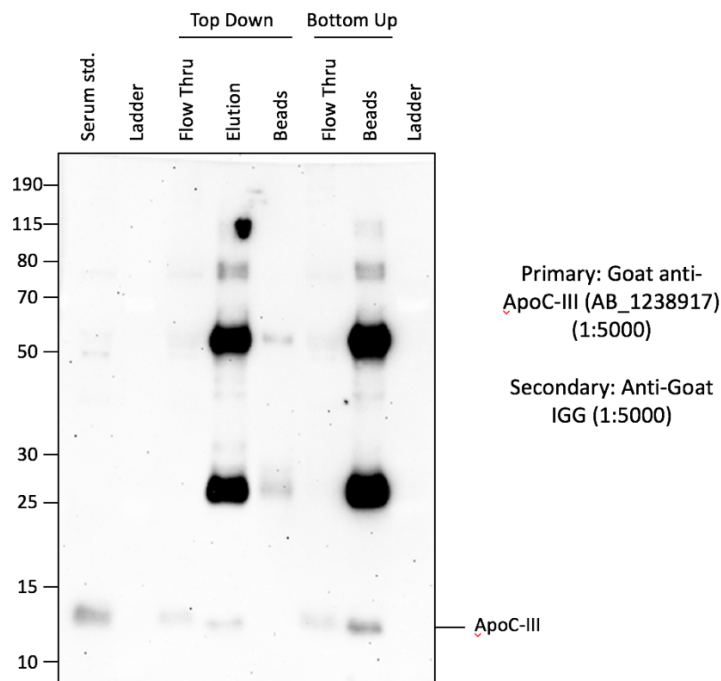
URL: <https://www.academybiomed.com/products/a12-goat-anti-human-apolipoprotein-ciii-polyclonal-antibody>

Western Blot Data for Affinity
Purified Goat Anti-Human
ApoCIII Antibody

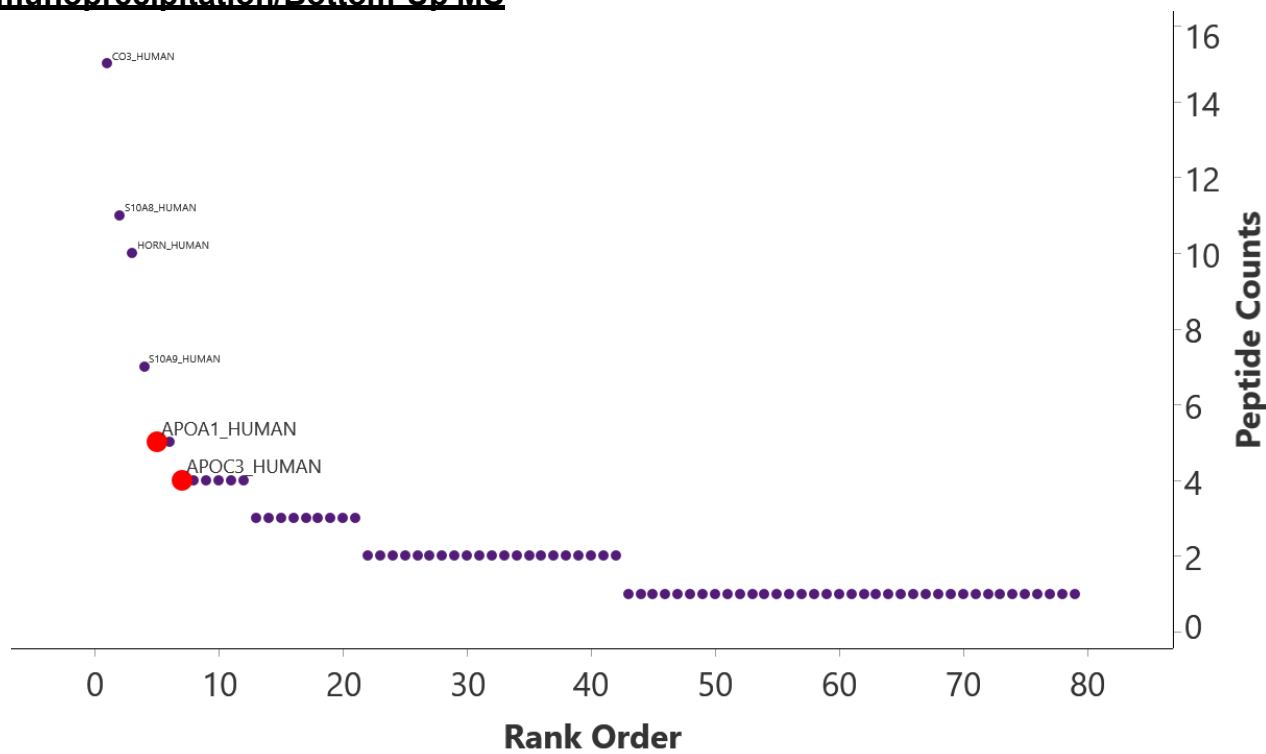


B.2. Laboratory Validation:
Immunoprecipitation/Western Blot

Western Blot of ApoC-III
Immunoprecipitation from
Commercial Serum



Immunoprecipitation/Bottom-Up MS

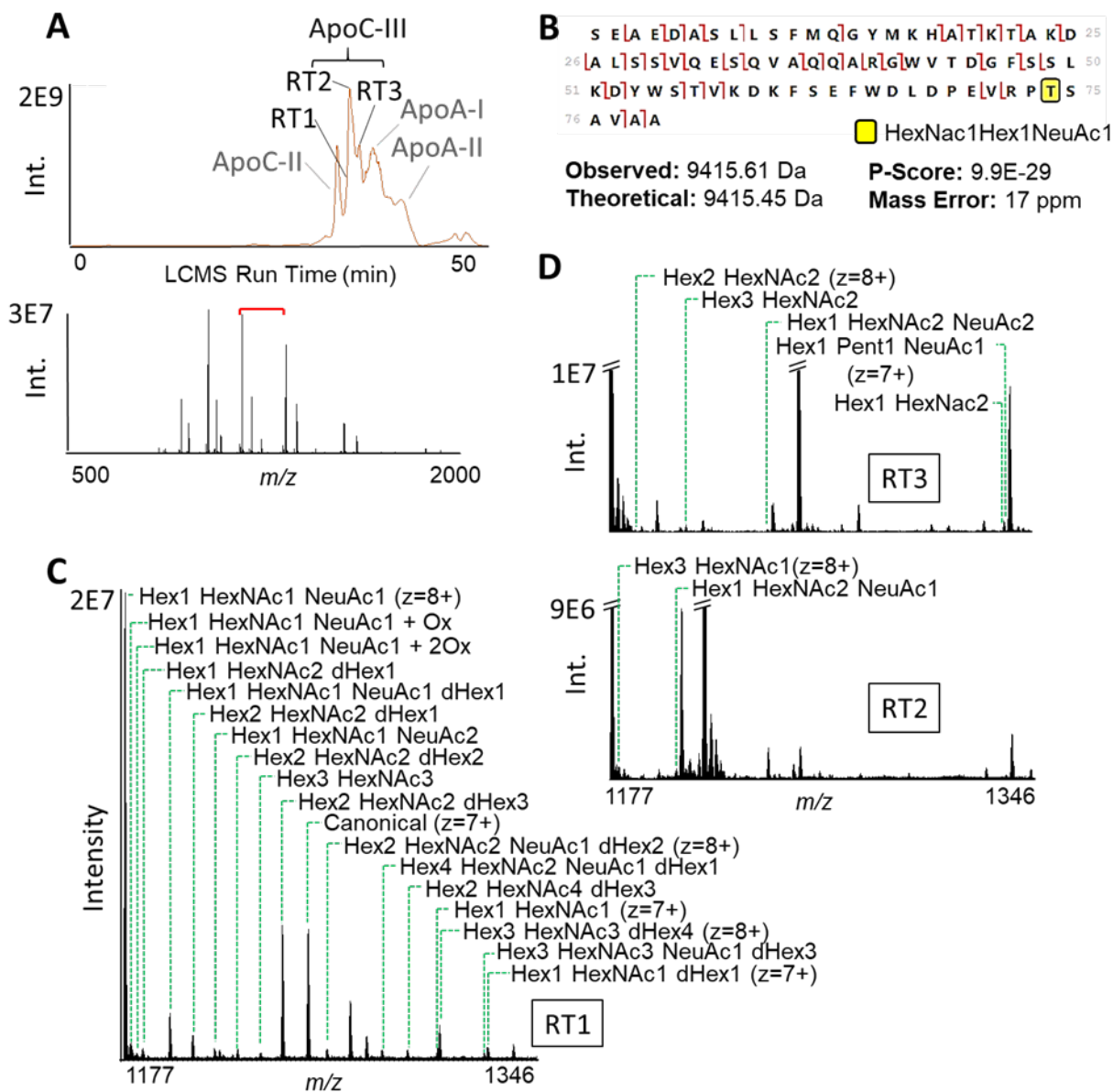


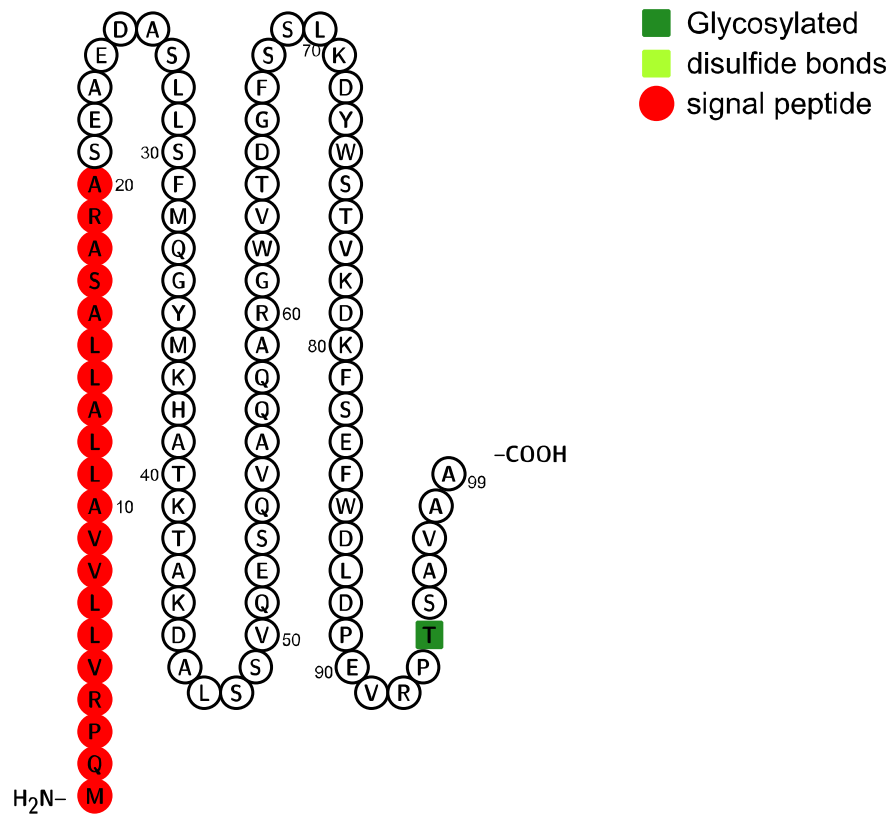
Immunoprecrecipitation/Top-Down MS

Proteoforms Identified:

1: PFR00005930733, ApoC3 HexNAc1Hex1NeuAc1, 9415.45 Da
 SEAEDASLLSFMQGYMKHATKTAKDALSSVQESQVAQQARGWVTDGFSSLKDYWSTVKDKFS
 EFWDLDPEVRPT[MOD:00517]SAVAA

Intact Mass Profile





Protter (Omasits et al., Bioinformatics. 2013 Nov 21)