

APOA5 Antibody

Catalog No: #34429

Package Size: #34429-1 50ul #34429-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

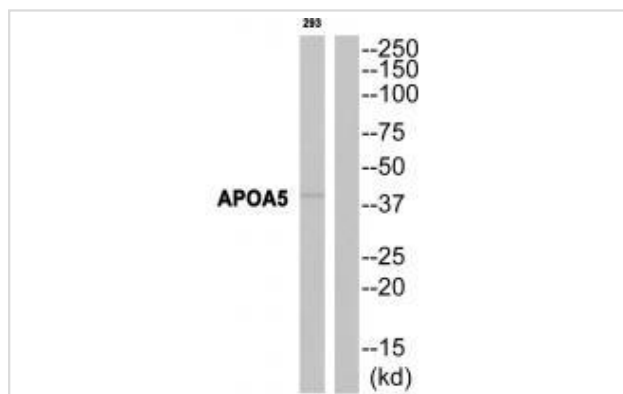
Description

Product Name	APOA5 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total APOA5 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human APOA5.
Target Name	APOA5
Other Names	Apolipoprotein A-V; Apo-AV; ApoA-V; Apolipoprotein A5; Regeneration-associated protein 3
Accession No.	Swiss-Prot: Q6Q788NCBI Gene ID: 116519
Uniprot	Q6Q788
GeneID	116519;
SDS-PAGE MW	41kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500~1:3000

Images



Western blot analysis of extracts from 293 cells, using APOA5 antibody #34429.

Background

Minor apolipoprotein mainly associated with HDL and to a lesser extent with VLDL. May also be associated with chylomicrons. Important determinant of plasma triglyceride (TG) levels by both being a potent stimulator of apo-CII lipoprotein lipase (LPL) TG hydrolysis and a inhibitor of the hepatic VLDL-TG production rate (without affecting the VLDL-apoB production rate) By similarity. Activates poorly lecithin:cholesterol acyltransferase (LCAT) and does not enhance efflux of cholesterol from macrophages.

van Der Vliet H.N., J. Biol. Chem. 276:44512-44520(2001) [PubMed: 11577099].

Beckstead J.A., Biochemistry 42:9416-9423(2003) [PubMed: 12899628].

Fullerton S.M., Hum. Genet. 115:36-56(2004) [PubMed: 15108119].

Note: This product is for in vitro research use only