

ARG58216 anti-Apolipoprotein D antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes Apolipoprotein D
Tested Reactivity	Hu
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	Apolipoprotein D
Species	Human
Immunogen	Synthetic peptide corresponding to a sequence at the C-terminus of Human Apolipoprotein D(172-189aa IDVKKMTVTDQVNCPKLS).
Conjugation	Un-conjugated
Alternate Names	ApoD; Apo-D; Apolipoprotein D

Application Instructions

Application table	Application	Dilution
	WB	0.1 - 0.5 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.05% Thimerosal, 0.05% Sodium azide and 5% BSA.
Preservative	0.05% Thimerosal and 0.05% Sodium azide
Stabilizer	5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	APOD
Gene Full Name	apolipoprotein D
Background	This gene encodes a component of high density lipoprotein that has no marked similarity to other apolipoprotein sequences. It has a high degree of homology to plasma retinol-binding protein and other members of the alpha 2 microglobulin protein superfamily of carrier proteins, also known as lipocalins. This glycoprotein is closely associated with the enzyme lecithin:cholesterol acyltransferase - an enzyme involved in lipoprotein metabolism. [provided by RefSeq, Aug 2008]
Function	APOD occurs in the macromolecular complex with lecithin-cholesterol acyltransferase. It is probably involved in the transport and binding of bilin. Appears to be able to transport a variety of ligands in a number of different contexts. [UniProt]
Calculated Mw	21 kDa
PTM	N-glycosylatd. N-glycan heterogeneity at Asn-65: Hex5HexNAc4 (major) and Hex6HexNAc5 (minor); at Asn-98: Hex5HexNAc4 (minor), dHex1Hex5HexNAc4 (major), dHex1Hex6HexNAc5 (minor) and dHex1Hex7HexNAc6 (minor). [UniProt]
Cellular Localization	Secreted. [UniProt]

Images



ARG58216 anti-Apolipoprotein D antibody WB image

Western blot: MCF-7, HeLa and SMMC-7721 cell lysates stained with ARG58216 anti-Apolipoprotein D antibody.