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Produktinformation

- Forschungsprodukte & Biochemikalien
- Zellkultur & Verbrauchsmaterial
- Diagnostik & molekulare Diagnostik
- Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!

Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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APOE Antibody - N-terminal region : FITC (ARP54284_P050-FITC)

Data Sheet

Product Number	ARP54284_P050-FITC
Product Page	www.avivasysbio.com/apoe-antibody-n-terminal-region-fitc-arp54284-p050-fitc.html
Name	APOE Antibody - N-terminal region : FITC (ARP54284_P050-FITC)
Protein Size (# AA)	317 amino acids
Molecular Weight	34kDa
Conjugation	FITC: Fluorescein Isothiocyanate
NCBI Gene Id	348
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Apolipoprotein E
Alias Symbols	AD2, LPG, APO-E, ApoE4, LDLCQ5
Peptide Sequence	Synthetic peptide located within the following region: LMDETMKELKAYKSELEEQLTPVAEETRARLSKELQAAQARLGADMEDVC
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Description of Target	Chylomicron remnants and very low density lipoprotein (VLDL) remnants are rapidly removed from the circulation by receptor-mediated endocytosis in the liver. Apolipoprotein E, a main apoprotein of the chylomicron, binds to a specific receptor on liver cells and peripheral cells. ApoE is essential for the normal catabolism of triglyceride-rich lipoprotein constituents. The APOE gene is mapped to chromosome 19 in a cluster with APOC1 and APOC2. Defects in apolipoprotein E result in familial dysbetalipoproteinemia, or type III hyperlipoproteinemia (HLP III), in which increased plasma cholesterol and triglycerides are the consequence of impaired clearance of chylomicron and VLDL remnants.
Protein Interactions	LCAT; ARFGAP1; ALB; C19orf52; LOXL4; PRAM1; MID1IP1; ANKH; FBXL12; FXYD7; ECSIT; PDCD4; IFIT5; MAST1; EPN2; PLEKHA6; CDC37; IQSEC1; LONP1; TYRO3; PRDX2; ST13; RPL4; RHEB; PSEN1; HTRA1; PCMT1; ZNF558; NOS3; IFIT3; GCDH; FOXG1; FARSA; ELAVL1; CYP2C18; CYP2C
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-APOE (ARP54284_P050-FITC) antibody
Blocking Peptide	For anti-APOE (ARP54284_P050-FITC) antibody is Catalog # AAP54284
Uniprot ID	P02649
Protein Name	Apolipoprotein E
Sample Type Confirmation	There is BioGPS gene expression data showing that APOE is expressed in 721_B
Protein Accession #	NP_000032
Purification	Affinity Purified
Nucleotide Accession #	NM_000041
Gene Symbol	APOE
Predicted Species Reactivity	Human, Mouse, Rat, Zebrafish
Application	IHC, WB

Predicted Homology Based on Immunogen Sequence	Human: 100%; Mouse: 93%; Rat: 93%; Zebrafish: 77%
Image 1	

AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.
Optimal conditions of its use should be determined by end users.

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