

## ARG64755 anti-apolipoprotein A IV antibody

Package: 100 µg  
Store at: -20°C

### Summary

Product Description	Goat Polyclonal antibody recognizes apolipoprotein A IV
Tested Reactivity	Ms
Predict Reactivity	Rat
Tested Application	IHC-P
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	apolipoprotein A IV
Species	Mouse
Immunogen	C-QETERVKKEIKKELED
Conjugation	Un-conjugated
Alternate Names	Apoa-4

### Application Instructions

Application table	Application	Dilution
	IHC-P	2 - 4 µg/ml

**Application Note**  
IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0).  
\* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

### Properties

Form	Liquid
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA
Preservative	0.02% Sodium azide
Stabilizer	0.5% 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.

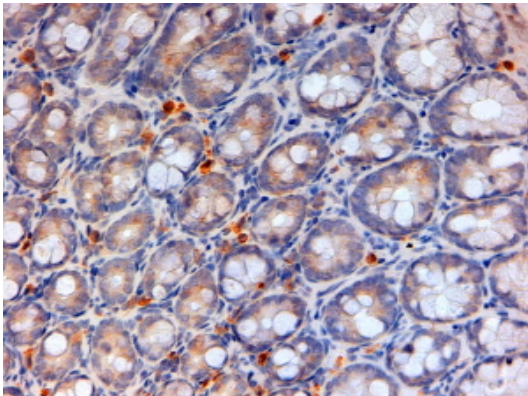
## Bioinformation

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Database links	<a href="#">GeneID: 11808 Mouse</a> <a href="#">Swiss-port # P06728 Mouse</a>
Gene Symbol	Apoa4
Gene Full Name	apolipoprotein A-IV
Background	Apolipoprotein (apo) A-IV gene contains 3 exons separated by two introns. A sequence polymorphism has been identified in the 3'UTR of the third exon. The primary translation product is a 396-residue preprotein which after proteolytic processing is secreted its primary site of synthesis, the intestine, in association with chylomicron particles. Although its precise function is not known, apo A-IV is a potent activator of lecithin-cholesterol acyltransferase in vitro. [provided by RefSeq, Jul 2008]
Function	May have a role in chylomicrons and VLDL secretion and catabolism. Required for efficient activation of lipoprotein lipase by ApoC-II; potent activator of LCAT. Apoa-IV is a major component of HDL and chylomicrons. [UniProt]
Research Area	Cancer antibody; Cell Biology and Cellular Response antibody; Metabolism antibody; Signaling Transduction antibody
Calculated Mw	45 kDa

## Images

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ARG64755 anti-apolipoprotein A IV antibody IHC-P image

Immunohistochemistry: Paraffin embedded Mouse Colon. (Steamed antigen retrieval with citrate buffer pH 6) stained with ARG64755 anti-apolipoprotein A IV antibody at 2  $\mu$ g/ml dilution followed by HRP-staining.