

## Product datasheet for **TA348933**

### Apolipoprotein A I (APOA1) Goat Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Recommended Dilution:	IHC: 2-4 ug/ml
Reactivity:	Human
Host:	Goat
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for Anti-APOA1 Antibody: Peptide with sequence C-SALEEYTKKLNTQ, from the C Terminus of the protein sequence according to NP_000030.1.
Formulation:	Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Concentration:	lot specific
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	apolipoprotein A1
Database Link:	<a href="#">NP_000030</a> <a href="#">Entrez Gene 335 Human</a> <a href="#">P02647</a>
Background:	This gene encodes apolipoprotein A-I, which is the major protein component of high density lipoprotein (HDL) in plasma. The protein promotes cholesterol efflux from tissues to the liver for excretion, and it is a cofactor for lecithin cholesterolacyltransferase (LCAT) which is responsible for the formation of most plasma cholesteryl esters. This gene is closely linked with two other apolipoprotein genes on chromosome 11. Defects in this gene are associated with HDL deficiencies, including Tangier disease, and with systemic non-neuropathic amyloidosis. [provided by RefSeq, Jul 2008]
Synonyms:	apo(a)



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**Protein Families:** Druggable Genome, Secreted Protein

**Protein Pathways:** PPAR signaling pathway