

## Datasheet

### APOA1 polyclonal antibody (Biotin)

**Catalog Number:** PAB14361

**Regulation Status:** For research use only (RUO)

**Product Description:** Goat polyclonal antibody raised against native APOA1.

**Immunogen:** Native purified human APOA1.

**Host:** Goat

**Reactivity:** Human

**Applications:** ELISA, WB

(See our web site product page for detailed applications information)

**Protocols:** See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Specificity:** This antibody can be used as second antibody in immunoblot or ELISA for detection of APOA1 in human plasma and lipoproteins.

**Form:** Lyophilized

**Conjugation:** Biotin

**Recommend Usage:** ELISA (1:100-1:10000)

Western Blot (1:100-1:10000)

The optimal working dilution should be determined by the end user.

**Storage Buffer:** Lyophilized from 75 mM Sodium Phosphate, 75 mM NaCl, 0.5 mM EDTA, pH 7.2. (10 mg/mL BSA, 0.02% sodium azide)

**Storage Instruction:** Store at -20°C on dry atmosphere. After reconstitution with 500 uL deionized water, store at -20°C.

Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 335

**Gene Symbol:** APOA1

**Gene Alias:** MGC117399

**Gene Summary:** 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]