

## APOA1 polyclonal antibody

Catalog: AP6035

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

The human apoA-I gene encodes a single chain, 243 amino acid protein which promotes cholesterol efflux from tissues to the liver for excretion. Apolipoprotein A-I is the major protein component of high density lipoprotein (HDL) in the plasma. It can function as a cofactor for lecithin cholesterolacyltransferase (LCAT), which is responsible for the formation of most plasma cholesteryl esters. The human apoA-II gene encodes the second most abundant protein of HDL particles, where it influences plasma levels of free fatty acids (FFA). The human apoA-IV gene encodes a 396 amino acid preprotein, which after proteolytic processing is secreted from the intestine in association with chylomicron particles.

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

~ 29 kDa

### Swiss-Prot:

P02647

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB:1:500~1:1000

IHC:1:50~1:200

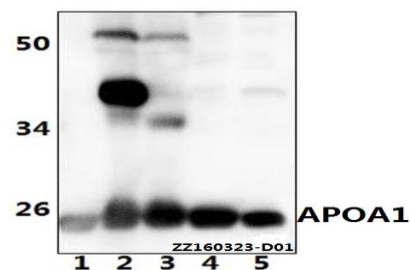
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

APOA1 polyclonal antibody detects endogenous levels of APOA1 protein.

### DATA:



Western blot (WB) analysis of APOA1 polyclonal antibody at 1:500 dilution

Lane1:THP-1 whole cell lysate(40ug)

Lane2:The liver tissue lysate of Mouse(40ug)

Lane3:The liver tissue lysate of Rat(40ug)

Lane4:L02 whole cell lysate(40ug)

Lane5:AML-12 whole cell lysate(40ug)

### Note:

For research use only, not for use in diagnostic procedure.

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