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**Product Name: APOA4/Apo-AIV Rabbit Monoclonal Antibody****Catalog #: AMRe86211**

For research use only.

**Summary**

|                      |  |
|----------------------|--|
| <b>Description</b>   | Recombinant rabbit monoclonal antibody   |
| <b>Host</b>          | Rabbit   |
| <b>Application</b>   | WB,IP  |
| <b>Reactivity</b>    | Human  |
| <b>Conjugation</b>   | Unconjugated   |
| <b>Modification</b>  | Unmodified   |
| <b>Isotype</b>       | IgG  |
| <b>Clonality</b>     | Monoclonal   |
| <b>Form</b>          | Liquid   |
| <b>Concentration</b> | 0.5mg/ml. The concentration of this product may be batch-dependent.  |
| <b>Storage</b>       | Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.  |
| <b>Shipping</b>      | Ice bags   |
| <b>Buffer</b>        | Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt. |
| <b>Purification</b>  | Affinity Purification  |

**Application**

|                         |  |
|-------------------------|--|
| <b>Dilution Ratio</b>   | WB 1:1000-1:5000,IP 1:10-1:100           |
| <b>Molecular Weight</b> | Calculated MW:45 kDa; Observed MW:45 kDa |

**Antigen Information**

|                          |  |
|--------------------------|--|
| <b>Gene Name</b>         | APOA4/Apo-AIV                              |
| <b>Alternative Names</b> | Apolipoprotein A4; Apolipoprotein A-IV     |
| <b>Gene ID</b>           | 337  |
| <b>SwissProt ID</b>      | P06727                                     |
| <b>Immunogen</b>         | A synthetic peptide of human APOA4/Apo-AIV |

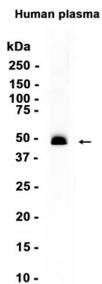
**Background**

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]

## Research Area

## Image Data



Western blot analysis of extracts from Human plasma tissue using APOA4/Apo-AIV Rabbit Monoclonal Antibody at 1:1000.