



# APOC2 Polyclona Antibody

Cat No.:ES18288

For research use only

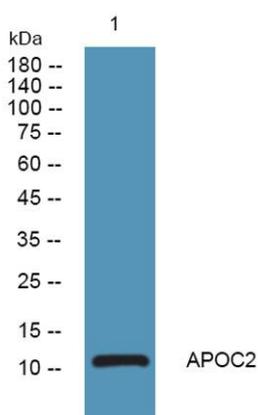
## Overview

|                                 |   |
|---------------------------------|---|
| <b>Product Name</b>             | APOC2 Polyclona Antibody  |
| <b>Host species</b>             | Rabbit  |
| <b>Applications</b>             | WB;IHC;IF;ELISA   |
| <b>Species Cross-Reactivity</b> | Human;Rat;Mouse;  |
| <b>Recommended dilutions</b>    | Western Blot: 1/500 - 1/2000. IHC-p: 1:100-1:300.<br>ELISA: 1/10000. Not yet tested in other applications.  |
| <b>Immunogen</b>                | Synthesized peptide derived from human APOC2 AA range: 1-50   |
| <b>Specificity</b>              | This antibody detects endogenous levels of human APOC2  |
| <b>Formulation</b>              | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.   |
| <b>Storage</b>                  | Store at -20°C. Avoid repeated freeze-thaw cycles.  |
| <b>Protein Name</b>             | APOC2   |
| <b>Gene Name</b>                | APOC2 APC2  |
| <b>Cellular localization</b>    | Secreted .  |
| <b>Purification</b>             | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.   |
| <b>Clonality</b>                | Polyclonal  |
| <b>Concentration</b>            | 1 mg/ml   |
| <b>Observed band</b>            |   |
| <b>Human Gene ID</b>            | 344   |
| <b>Human Swiss-Prot Number</b>  | P02655  |
| <b>Alternative Names</b>        | Apolipoprotein C-II (Apo-CII;ApoC-II;Apolipoprotein C2)   |
| <b>Background</b>               | This gene encodes a lipid-binding protein belonging to the apolipoprotein gene family. The protein is secreted in plasma where it is a component of very low density lipoprotein. This protein activates the enzyme lipoprotein lipase, which hydrolyzes triglycerides and thus provides free fatty acids for cells. Mutations in this gene cause |

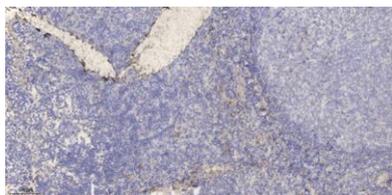




hyperlipoproteinemia type IB, characterized by hypertriglyceridemia, xanthomas, and increased risk of pancreatitis and early atherosclerosis. This gene is present in a cluster with other related apolipoprotein genes on chromosome 19. Naturally occurring read-through transcription exists between this gene and the neighboring upstream apolipoprotein C-IV (APOC4) gene. [provided by RefSeq, Mar 2011],



Western blot analysis of lysates from A431 cells, primary antibody was diluted at 1:1000, 4° over night



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA, pH9.0 was used for antigen retrieval. 3, Secondary antibody was diluted at 1:200(room temperature, 30min).

