

## Product datasheet for **AP14249PU-N**

### **APOA4 (N-term) Rabbit Polyclonal Antibody**

#### **Product data:**

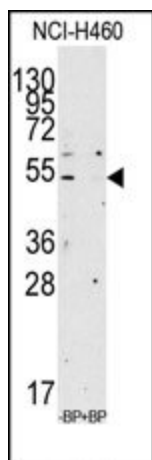
Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	<b>Peptide ELISA:</b> 1/1,000. <b>Western blotting:</b> 1/1,000. <b>Immunohistochemistry:</b> 1/10-1/50.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 49-79 amino acids from the N-terminal region of Human APOA4.
Specificity:	This antibody recognizes APOA4.
Formulation:	PBS with 0.09% (W/V) Sodium Azide State: Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	apolipoprotein A4
Database Link:	<a href="#">Entrez Gene 337 Human P06727</a>
Background:	The primary translation product of the APOA4 gene is a 396-residue preprotein which after proteolytic processing is secreted into 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.



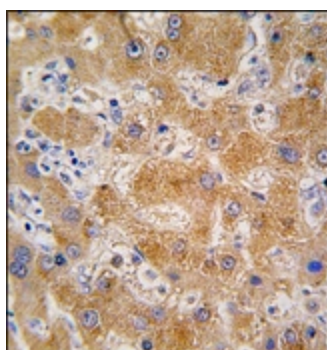
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Synonyms: Apolipoprotein A-IV, ApoA-IV, Apo-AIV

**Product images:**



Western blot analysis of anti-rified Pab (1:60 dilution).



Formalin-fixed and paraffin-embedded human hepatocarcinoma tissue reacted with APOA4 antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining.