

## ARG64714 anti-APOM antibody

Package: 100 µg  
Store at: -20°C

### Summary

|                     |   |
|---------------------|---|
| Product Description | Goat Polyclonal antibody recognizes APOM                              |
| Tested Reactivity   | Hu  |
| Predict Reactivity  | Ms, Rat   |
| Tested Application  | IHC-P, WB   |
| Host                | Goat  |
| Clonality           | Polyclonal  |
| Isotype             | IgG   |
| Target Name         | APOM  |
| Species             | Mouse   |
| Immunogen           | C-KGNMELRTEGRPD   |
| Conjugation         | Un-conjugated   |
| Alternate Names     | ApoM; Apo-M; NG20; Apolipoprotein M; G3a; Protein G3a; HSPC336; apo-M |

### Application Instructions

| Application table | Application | Dilution      |
|-------------------|-------------|---------------|
|                   | IHC-P       | 3 - 5 µg/ml   |
|                   | WB          | 0.3 - 1 µg/ml |

**Application Note**  
WB: Recommend incubate at RT for 1h.  
IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0).  
\* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

### Properties

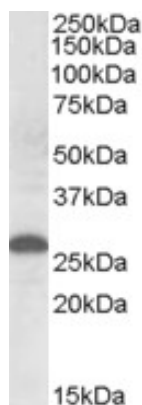
|                     |  |
|---------------------|--|
| Form                | Liquid   |
| Purification        | Purified from goat serum by antigen affinity chromatography.   |
| Buffer              | Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.   |
| Preservative        | 0.02% Sodium azide   |
| Stabilizer          | 0.5% BSA   |
| Concentration       | 0.5 mg/ml  |
| Storage instruction | For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use. |

Note For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

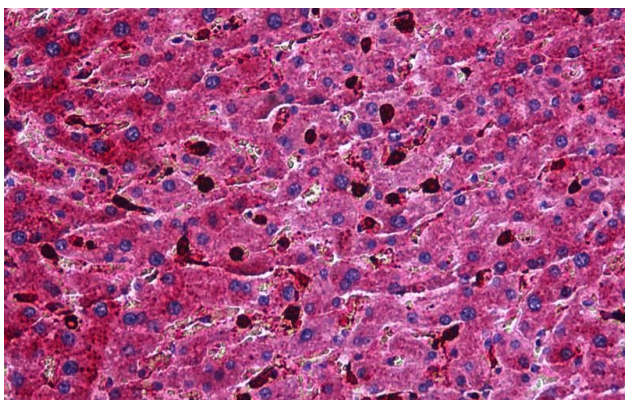
|                |  |
|----------------|--|
| Database links | <a href="#">GeneID: 55937 Human</a><br><a href="#">Swiss-port # O95445 Human</a>   |
| Gene Symbol    | Apom   |
| Gene Full Name | apolipoprotein M   |
| Background     | The protein encoded by this gene is an apolipoprotein and member of the lipocalin protein family. It is found associated with high density lipoproteins and to a lesser extent with low density lipoproteins and triglyceride-rich lipoproteins. The encoded protein is secreted through the plasma membrane but remains membrane-bound, where it is involved in lipid transport. Alternate splicing results in both coding and non-coding variants of this gene. [provided by RefSeq, Jan 2012] |
| Function       | Probably involved in lipid transport. Can bind sphingosine-1-phosphate, myristic acid, palmitic acid and stearic acid, retinol, all-trans-retinoic acid and 9-cis-retinoic acid (By similarity). [UniProt]   |
| Research Area  | Cell Biology and Cellular Response antibody; Metabolism antibody; Signaling Transduction antibody  |
| Calculated Mw  | 21 kDa   |

## Images



ARG64714 anti-APOM antibody WB image

Western blot: Human Placenta lysate (35 µg protein in RIPA buffer) stained with ARG64714 anti-APOM antibody at 0.5 µg/ml dilution.



ARG64714 anti-APOM antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human liver tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG64714 anti-APOM antibody at 3.75 µg/ml dilution followed by AP-staining.