

## Rabbit APOD Polyclonal Antibody | anti-APOD antibody

APOD Antibody (N-term)

| CATALOG # | HOST   | REACTIVITY                                       | APPLICATIONS        |
|-----------|--------|--------------------------------------------------|---------------------|
| AAA290055 | Rabbit | Human, mouse (Predicted Reactivity: Rabbit, Rat) | ELISA, Western Blot |

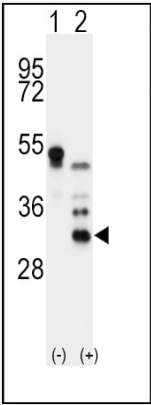
### PRODUCT SYNONYMS

APOD; Polyclonal Antibody; APOD Antibody (N-term); Apolipoprotein D; Apo-D; ApoD; anti-APOD antibody

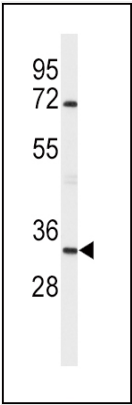
### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                                                           |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                                                    |
| Reactivity                                     | Human, mouse (Predicted Reactivity: Rabbit, Rat)                                                                                                                                          |
| Clonality                                      | Polyclonal                                                                                                                                                                                |
| Isotype                                        | Rabbit Ig                                                                                                                                                                                 |
| Specificity                                    | This APOD antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 26-53 amino acids from the N-terminal region of human APOD.                        |
| Purity/Purification                            | Purified Rabbit Polyclonal Antibody (Pab)                                                                                                                                                 |
| Form/Format                                    | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS. |
| Concentration                                  | Vial Concentration: 2 (varies by lot)                                                                                                                                                     |
| Sequence Positions                             | 26-53                                                                                                                                                                                     |
| Sequence Length                                | 189                                                                                                                                                                                       |
| Applicable Applications for anti-APOD antibody | ELISA, WB (Western Blot)                                                                                                                                                                  |
| Antigen Type                                   | Synthetic Peptide                                                                                                                                                                         |
| Antigen Source                                 | HUMAN                                                                                                                                                                                     |
| Preparation and Storage                        | Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.                                    |

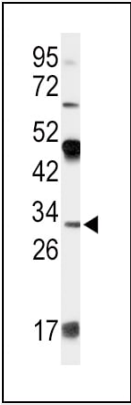
IMAGES



**WB (Western Blot)**  
Western blot analysis of APOD (arrow) using rabbit polyclonal APOD Antibody (N-term) 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the APOD gene (Lane 2).



**WB (Western Blot)**  
Western blot analysis of APOD Antibody (N-term) in mouse brain tissue lysates (35ug/lane).APOD (arrow) was detected using the purified Pab.



**WB (Western Blot)**  
Western blot analysis of APOD Antibody (N-term) in 293 cell line lysates (35ug/lane).APOD (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-APOD antibody | APOD is a component of high density lipoprotein that has no marked similarity to other apolipoprotein sequences. It has a high degree of homology to plasma retinol-binding protein and other members of the alpha 2 microglobulin protein superfamily of carrier proteins, also known as lipocalins. This glycoprotein is closely associated with the enzyme lecithin:cholesterol acyltransferase - an enzyme involved in lipoprotein metabolism. |
| Product Categories/Family for anti-APOD antibody   | Cancer; Cardiovascular; Metabolism; Neuroscience; Signal transduction                                                                                                                                                                                                                                                                                                                                                                              |
| References                                         | Do Carmo,S., J. Neurosci. 28 (41), 10330-10338 (2008)<br>Chen,Y., Brain Res. 1233, 196-202 (2008)<br>Wei,Y.J., Biomarkers 13 (5), 535-548 (2008)                                                                                                                                                                                                                                                                                                   |

NCBI AND UNIPROT INFORMATION

|                           |                                |
|---------------------------|--------------------------------|
| NCBI GI #                 | 4502163                        |
| NCBI GeneID               | 347                            |
| NCBI Accession #          | NP_001638.1                    |
| NCBI GenBank Nucleotide # | NM_001647.3                    |
| UniProt Accession #       | P05090; Q6IBG6; B2R579; D3DNW6 |

|                                         |                  |
|-----------------------------------------|------------------|
| <b>Molecular Weight</b>                 | 21276            |
| <b>NCBI Official Full Name</b>          | apolipoprotein D |
| <b>NCBI Official Synonym Full Names</b> | apolipoprotein D |
| <b>NCBI Official Symbol</b>             | APOD             |
| <b>NCBI Protein Information</b>         | apolipoprotein D |
| <b>UniProt Protein Name</b>             | Apolipoprotein D |
| <b>UniProt Gene Name</b>                | <b>APOD</b>      |
| <b>UniProt Synonym Gene Names</b>       | Apo-D; ApoD      |
| <b>UniProt Entry Name</b>               | APOD_HUMAN       |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/apod-antibody-western-blot-elisa/290055>