

For Research Use Only

# APOD Recombinant monoclonal antibody, PBS Only

Catalog Number: 86500-1-PBS



## Basic Information

Catalog Number:

86500-1-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG0812

GenBank Accession Number:

BC007402

GeneID (NCBI):

347

UNIPROT ID:

P05090

Full Name:

apolipoprotein D

Calculated MW:

33 kDa

Observed MW:

21-33 kDa

Purification Method:

Protein A purification

CloneNo.:

251229A10

## Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human

## Background Information

Apolipoprotein D (ApoD) is a member of the lipocalin superfamily of ligand transporters, and has been implicated in the transport of small hydrophobic molecules. ApoD is also a component of plasma high-density lipoproteins (HDL). Alteration of ApoD expression has been linked to multiple neurological disorders, including Alzheimer's disease.

## Storage

Storage:

Store at -80°C.

**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

Storage Buffer:

PBS only, pH7.3

For technical support and original validation data for this product please contact:

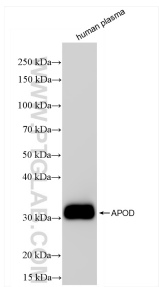
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

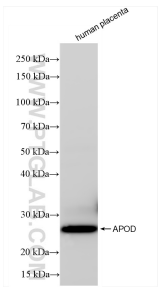
W: [ptgcn.com](http://ptgcn.com)

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

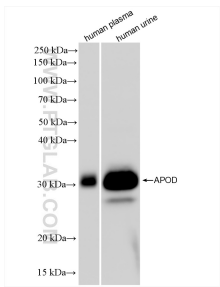
Selected Validation Data



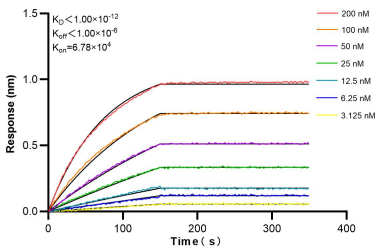
Various lysates were subjected to SDS PAGE followed by western blot with 86500-1-RR (APOD antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86500-1-PBS in a different storage buffer formulation.



human placenta tissue were subjected to SDS PAGE followed by western blot with 86500-1-RR (APOD antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86500-1-PBS in a different storage buffer formulation.



Various lysates were subjected to SDS PAGE followed by western blot with 86500-1-RR (APOD antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86500-1-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 86500-1-RR against Human APOD were performed. The affinity constant is below 1 pM.