

For Research Use Only

# APOD Recombinant monoclonal antibody, PBS Only

Catalog Number: 86500-1-PBS



## Basic Information

**Catalog Number:**

86500-1-PBS

**Size:**

100ug, Concentration: 1 mg/ml by Nanodrop;

**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.

**Storage Buffer:**

PBS only, pH7.3

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

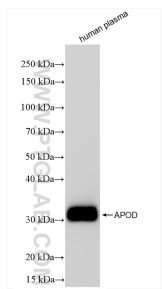
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)

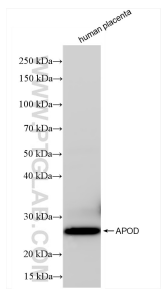
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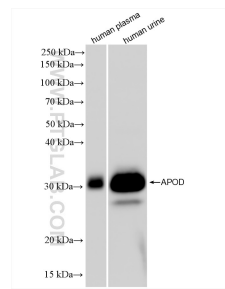
## Selected Validation Data



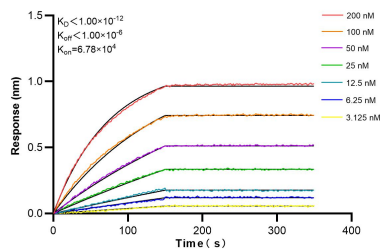
Various lysates were subjected to SDS PAGE followed by western blot with 86500-1-RR (APOD antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86500-1-PBS in a different storage buffer formulation.



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.



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