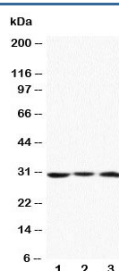


Apolipoprotein D Antibody (R30459)

Catalog No.	Formulation	Size
R30459	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
UniProt	P05090
Applications	Western Blot : 0.5-1ug/ml
Limitations	This Apolipoprotein D antibody is available for research use only.



Western blot testing of Apolipoprotein D antibody and Lane 1: MCF-7; 2: HeLa; 3: SMMC-7721 cell lysate. Predicted molecular weight: ~21/21-33kDa (unmodified/glycosylated).

Description

Apolipoprotein D(Apo-D) is a protein that in humans, encoded by the APOD gene. Being a member of the alpha(2 mu)-microglobulin superfamily of carrier proteins, Apo-D is also known as lipocalin. The gene has been localized to the p14.2----qter region of human chromosome 3. It is a glycoprotein of estimated molecular weight 33,000 Da. The Apo-D encoded a protein of 169 amino acid residue. It has been detected in human liver, intestine, pancreas, kidney, placenta, adrenal, spleen, and fetal brain tissue. For its features, Apo-D has been a biomarker of androgen insensitivity syndrome(AIS).

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the Apolipoprotein D antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

An amino acid sequence from the C-terminus of human Apolipoprotein D (IDVKKMTVTDQVNCPKLS) was used as the immunogen for this Apolipoprotein D antibody.

Storage

After reconstitution, the Apolipoprotein D antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.