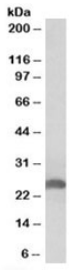
Apolipoprotein D Antibody (R33804)

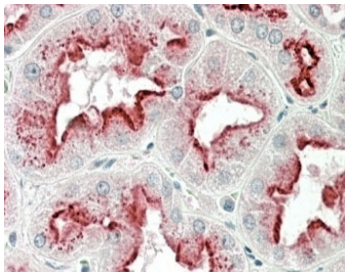
Catalog No.	Formulation	Size
R33804-100UG	0.5 mg/ml in 1X TBS, pH7.3, with 0.5% BSA (US sourced) and 0.02% sodium azide	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Goat
Clonality	Polyclonal (goat origin)
Isotype	Goat Ig
Purity	Antigen affinity
Gene ID	347
Applications	Western blot: 0.3-1ug/ml Immunohistochemistry (FFPE): 5-10ug/ml Enzyme ImmunoAssay : used as capture for recombinant protein (coat at 1-2ug/ml) ELISA (peptide) LOD: 1:32000
Limitations	This Apolipoprotein D antibody is available for research use only.



Western blot testing of human liver lysate with Apolipoprotein D antibody at 0.3ug/ml. Predicted molecular weight: ~21/21-33kDa (unmodified/glycosylated).



IHC staining of FFPE human kidney with Apolipoprotein D antibody at 5ug/ml. HIER: steamed with pH6 citrate buffer, AP-staining.

Description

Apolipoprotein D is a secreted glycoprotein expressed in numerous tissues and cell types. The protein is a member of the lipocalin family and can interact with a variety of hydrophobic molecules. Its expression and distribution differ according to tissue type, developmental state and cellular environment.

Apolipoprotein D has been examined in studies of normal tissue physiology as well as changes associated with cellular stress, aging and disease. Because protein levels can vary among biological samples, detection of Apolipoprotein D can provide information about its tissue and cellular distribution.

An Apolipoprotein D Antibody provides a research tool for examining Apolipoprotein D expression in suitable biological samples. NSJ Bioreagents offers antibodies for research involving this protein and its associated cellular biology.

For broader research into APOD function, lipid transport and lipocalin biology, see our APOD Antibody / Lipocalin Family Protein Antibody page.

Application Notes

Optimal dilution of the Apolipoprotein D antibody should be determined by the researcher.

Immunogen

Amino acids EIEKIPTTFENGRC were used as the immunogen for this Apolipoprotein D antibody.

Storage

Aliquot and store the Apolipoprotein D antibody at -20oC.

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