

bs-1254R-A488

• Rabbit Anti-APOD Polyclonal Antibody, Alexa Fluor 488 conjugated

Conjugated Primary Antibodies

Background:

Apolipoprotein D (APO D), a glycoprotein involved in the human plasma lipid transport system. It is a progesterone binding glycoprotein of 24,000 dalton monomer molecular size, is a constituent of high density lipoprotein in plasma. The function of apolipoprotein D in the metabolism of plasma lipoproteins is unclear but the observation that this protein forms complexes with lecithin: cholesterol acyltransferase has led to the suggestion that apolipoprotein D may be involved in cholesterol esterification and transport of substrates and products of the reaction. Apolipoprotein D is expressed in a range of normal tissues including axillary apocrine glands, adrenal cortex and corpus luteum. Peripheral nerves, pituitary, testis, cerebellum and renal tubes are also positive. APO D was first isolated in large quantity as GCDFP 24, the major protein component of most human breast cyst fluids. In recent studies, Apo D immunoreactivity has been shown to be an early indicator of prostate cancer and advanced primary prostate tumors.

Purification: Was purified by Protein A and peptide affinity chromatography.

Storage:

Prepared as lyophilized powder or liquid and shipped on ice. Store at -20°C for one year. Protect from light.

Reconstitution:

If the antibody is in liquid form, no reconstitution needed.

Reconstitution is only required for the lyophilized antibody. Please refer to the reconstitution instruction card in the package.

Size: 100ul or 100ug lyophilized

Concentration: 1ug/uL

Host: Rabbit

Reactivities:

Human, Mouse, Rat, Dog, Pig, Cow, Rabbit,

Application:

- IF(1:100-500)
- Not yet tested in other applications. Optimal working dilutions must be determined by the end user.

Antibody Type: Polyclonal

Isotype: IgG

Molecular Weight: 19kDa

Preservatives:

10ug/uL BSA and 0.1% NaN₃.

For research use only. CAUTION: Not for human or animal therapeutic or diagnostic use.

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