

• Rabbit Anti-APOJ/Clusterin Polyclonal Antibody

Primary Antibodies

Background:

Apolipoprotein J is the major secreted product of Sertoli cells and is thought to play a critical role in spermatogenesis. The protein was shown to be a normal constituent of human blood and is also thought to be a control mechanism of the complement cascade. It prevents the binding of a C5b-C7 complex to the membrane of the target cell and in this way inhibits complement-mediated cytotoxicity.

Apolipoprotein J is overexpressed in human prostate and breast cancers and in squamous cell carcinomas. Suppression of Apolipoprotein J renders these cells sensitive to chemotherapeutic drug-mediated apoptosis. It has been proposed that elevated levels of Apolipoprotein J may promote oncogenic transformation and tumor progression by interfering with BAX proapoptotic activities.

Source/Purification:

KLH conjugated synthetic peptide derived from human APO J C-terminus. 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.

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,

Application:

- WB(1:100-500)
- ELISA(1:500-1000)
- IP(1:20-100)
- IHC-P(1:100-500)
- IHC-F(1:100-500)
- 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: 50kDa

Preservatives:

10ug/uL BSA and 0.1% NaN₃.

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

