

PRODUCT DATA SHEET

Clusterin Canine, Sheep Polyclonal Antibody

Cat. No.: RD484034100

Size: 0.1 mg

Source of Antigen: E. coli

Type: Polyclonal Antibody

Host: Sheep

Isotype: IgG

Other Names:

Apolipoprotein J, Apo J, Aging-associated gene 4 protein, AAG4, Complement cytolysis inhibitor, CLI, Complement-associated protein SP-40,40, Ku70-binding protein 1, NA1/NA2, Sulfated glycoprotein 2, SGP-2, Testosterone-repressed prostate message 2, TRPM-2

Preparation:

The antibody was raised in sheep by immunization with the recombinant Canine Clusterin.

Amino Acid Sequence of Immunogen:

Recombinant Canine Clusterin, total 433 AA. MW: 50.6 kDa (calculated). N-terminal His-tag, 10 extra AA (highlighted). The AA sequence is identical to UniProtKB/Swiss-Prot entry P25473 (AA23–445).

MKHHHHHHAS DQAVSDTELQ EMSTEGSKYI NKEIKNALKG VKQIKTLIEQ TNEERKSLLS
NLEEAKKKKE DALNDTKDSE TKLKASQGVC NDTMMALWEE CKPCLKQTCM
KFYARVCRSG SGLVGHQLEE FLNQSSPFYF WMNGDRIDSL LENDRQQTHA
LDVMQDSFNR ASSIMDELQ DRFFTREPQD TYHYSFSLF QRRPFFNPKF RIARNIIFPF
RFQPLNFHDM FQPFFDMIHQ AQQAMDVNLH RPYHFPIEF PEEDNRTVCK EIRHNSTGCL
KMKDQCEKCQ EILSVDCSSN NPAQVQLRQE LNSNLQIAEK FTKLYDELLQ SYQEKMFNTS
SLLKQLNEQF SWVSQLANLT QSEDPFYLVQ TTVGSQTSDS NVPVGFTKVV VKLFDSDPIT
VMIPAVSRN NPKFMETVAE KALQEYRQKH REE

Purification Method:

Immunoaffinity chromatography on a column with immobilized recombinant Canine Clusterin.

Species Reactivity:

Canine. Not yet tested in other species.

Antibody Content:

0.1 mg (determined by BCA method, BSA was used as a standard)

Formulation:

The antibody is lyophilized in 0.05 M phosphate buffer, 0.1 M NaCl, pH 7.2. ****AZIDE FREE****.

Reconstitution:

Add 0.2 ml of deionized water and let the lyophilized pellet dissolve completely. Slight turbidity may occur after reconstitution, which does not affect activity of the antibody. In this case clarify the solution by centrifugation.

Shipping:

At ambient temperature. Upon receipt, store the product at the temperature recommended below.

Storage/Stability:

The lyophilized antibody remains stable and fully active until the expiry date when stored at -20°C . Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles and store frozen at -80°C . Reconstituted antibody can be stored at 4°C for a limited period of time; it does not show decline in activity after one week at 4°C .

Quality Control:

Indirect ELISA – to determine titer of the antibody

SDS PAGE – to determine purity of the antibody

BCA - to determine quantity of the antibody

Applications:

ELISA, Immunohistochemistry, Western blotting

Note:

This product is for research use only.