

## PRODUCT DATA SHEET

### Clusterin Rat, Rabbit Polyclonal Antibody

**Cat. No.:** RD381034100

**Size:** 0.1 mg

**Source of Antigen:** E. coli

**Type:** Polyclonal Antibody

**Host:** Rabbit

**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 rabbits by immunization with the recombinant Rat Clusterin.

**Amino Acid Sequence of Immunogen:**

Recombinant Rat Clusterin, total 240 AA. MW: 26.5 kDa (calculated). UniProtKB acc.no. P05371. N-Terminal T7-Tag and C-Terminal His-tag, 25 extra AA (highlighted).

MASMTGGQQM GRDPNSSSPF YFWMNGDRID SLLESDRQQS QVLDAMQDSF  
TRASGIIDTL FQDRFFTHEP QDIHHFSPMG FPHKRPHLLY PKSRLVRS LM PLSHYGPLSF  
HNMFQPPFDM IHQAQQAMDV QLHSPALQFP DVDFLKEGED DRTVCKEIRH  
NSTGCLKMKG QCEKCQEILS VDCSTNPAQ ANLRQELNDS LQVAERLTQQ  
YNELLHSLQS KMLNTSSLLE QALEHHHHHH

**Purification Method:**

Immunoaffinity chromatography on a column with immobilized recombinant Rat Clusterin.

**Species Reactivity:**

Rat. 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:**

We advise you to centrifuge this product vial before use. Add 0.2 ml of deionized water, mix gently and let the lyophilized pellet dissolve completely (at least 15 minutes with occasionally gently shaking, not to foam). 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  $-20^{\circ}\text{C}$ . Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles and store frozen at  $-80^{\circ}\text{C}$ . Reconstituted antibody can be stored at  $4^{\circ}\text{C}$  for a limited period of time; it does not show decline in activity after one week at  $4^{\circ}\text{C}$ .

**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.