

PRODUCT DATA SHEET

Adiponectin (HEK) Porcine, Sheep Polyclonal Antibody

Cat. No.: RD584023100

Size: 0.1 mg

Source of Antigen: HEK293

Type: Polyclonal Antibody

Host: Sheep

Isotype: IgG

Other Names:

Adipocyte C1q and collagen domain-containing protein, Adipocyte complement-related 30 kDa protein, ACRP30, Adipose most abundant gene transcript 1 protein, apM-1, Gelatin-binding protein, ADIPOQ, ACDC, APM1, GBP28

Preparation:

The antibody was raised in sheep by immunization with the recombinant Porcine Adiponectin.

Amino Acid Sequence of Immunogen:

Recombinant Porcine Adiponectin, total 238 AA. MW: 26.0 kDa (calculated). N-Terminal Flag-tag, UniProtKB/TrEMBL Q6PP07 with 13 extra AA (highlighted).

HVDYKDDDDK PAGETTEKPG ALLPMPKGAC AGWMAGIPGH PGHNGTPGRD
GRDGVPGKEK EKGD TGLTGP KGDTGESGVT GVEGPRGFPG IPGRKGEPGE
SAYVYRSAFS VGLETRVTVP NMPIRFTKIF YNQQNHVDVT TGKFHCNIPG LYYFSFHITV
YLKDVKVS LY KKDKAVLFTY DQYQDKNVDQ ASGSVLLYLE KGDQVWLQAY
GDEENNGVYA DNVNDSIFTG FLLYHNIE

Purification Method:

Immunoaffinity chromatography on a column with immobilized recombinant Porcine Adiponectin.

Species Reactivity:

Porcine. 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.