

PRODUCT DATA SHEET

Angiotensin-Like Protein 4 Human, Sheep Polyclonal Antibody

Cat. No.: RD184073100-01

Size: 0.1 mg

Source of Antigen: E. coli

Type: Polyclonal Antibody

Host: Sheep

Other Names:

Angiotensin-related protein 4, Hepatic fibrinogen/angiotensin-related protein, HFARP, ANGPTL4, ARP4, HFARP, PGAR, PP1158, PSEC0166, UNQ171/PRO197, FIAF

Preparation:

The antibody was raised in sheep by immunization with the recombinant Human ANGPTL4.

Amino Acid Sequence of Immunogen:

The immunization antigen (25 kDa) is a protein containing 220 AA of recombinant Human ANGPTL4. N-Terminal His-tag, 16 extra AA (highlighted).

MRGSHHHHHH GMASHMGPVQ SKSPRFASWD EMNVLAHGLL QLGQGLREHA
ERTRSQLSAL ERRLSACGSA CQGTEGSTDL PLAPESRVDP EVLHSLQTQL KQNSRIQQQL
FHKVAQQQRH LEKQHLRIQH LQSQFGLLDH KHLDEHAVAKP ARRKRLPEMA
QPVDPAHNVS RLHRLPRDCQ ELFQVGERQS GLFEIQPQGS PPFLVNCKMT
SDGGWTVIQR

The amino acid sequence of the recombinant Human ANGPTL4 is 100% homologous to the amino acid sequence of the Human ANGPTL4 precursor (AA 26–229) without signal sequence

Purification Method:

Immunoaffinity chromatography on a column with immobilized recombinant Human ANGPTL4.

Species Reactivity:

Human. 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, Western blotting

Note:

This product is for research use only.