

## PRODUCT DATA SHEET

### Angiotensin-Like Protein 4 (HEK) Human, Sheep Polyclonal Antibody

**Cat. No.:** RD184073100-02

**Size:** 0.1 mg

**Source of Antigen:** HEK293

**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:

Total 392 AA. MW: 44.2 kDa (calculated). UniProtKB/Swiss-Prot Q9BY76 with C-Terminal Flag-tag, 11 extra AA (highlighted).

GPVQSKSPRF ASWDEMNVLA HGLLQLGQGL REHAERTRSQ LSALERRLSA  
CGSACQGTEG STDLPLAPES RVDPEVLHSL QTQLKAQNSR IQQLFHKVAQ  
QQRHLEKQHL RIQHLQSQFG LLDHKHLDHE VAKPARRKRL PEMAQPDPA  
HNVSRLHRLP RDCQELFQVG ERQSGLFEIQ PQGSPFLVN CKMTSDGGWT  
VIQRRHDGSV DFNRPWEAYK AGFGDPHGEF WLGLEKVHSI TGDRNSRLAV  
QLRDWDGNAE LLQFSVHLGG EDTAYSLQLT APVAGQLGAT TVPPSGLSVP  
FSTWDQDHDLD RRDKNCAKSL SGGWWFGTCS HSNLNGQYFR SIPQQRQKLK  
KGIFWKTWRG RYYPLQATTM LIQPMAAEAA SAAADYKDDD DK

#### 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  $-20^{\circ}\text{C}$ . 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.