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# PRODUCT DATA SHEET

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

**Cat. No.:** RD184073100-02
**Source of Antigen:** HEK293
**Host:** Sheep
**Size:** 0.1 mg
**Type:** Polyclonal Antibody

**Other Names:**
Angiopoietin-related protein 4, Hepatic fibrinogen/angiopoietin-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.

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GPVQSKSPRF ASWDEMNVLA HGLLQLGQGL REHAERTRSQ LSALERRLSA CGSACQGTEG
STDLPLAPES RVDPEVLHSL QTQLKAQNSR IQQLFHKVAQ QQRHLEKQHL RIQHLQSQFG
LLDHKHLDHE VAKPARRKRL PEMAQPVDPA HNVSRLHRLP RDCQELFQVG ERQSGLFEIQ
PQGSPPFLVN CKMTSDGGWT VIQRRHDGSV DFNRPWEAYK AGFGDPHGEF WLGLEKVHSI
TGDRNSRLAV QLRDWDGNAE LLQFSVHLGG EDTAYSLQLT APVAGQLGAT TVPPSGLSVP
FSTWDQDHDL 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.

**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:**
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.