

## PRODUCT DATA SHEET

### Angiopoietin-Like Protein 3 Human, Rabbit Polyclonal Antibody

**Cat. No.:** RD181092100

**Size:** 0.1 mg

**Source of Antigen:** E. coli

**Type:** Polyclonal Antibody

**Host:** Rabbit

**Other Names:**

Angiopoietin-related protein 3, Angiopoietin-5, ANG-5, ANGPT5, UNQ153/PRO179, ANGPTL-3

**Preparation:**

The antibody was raised in rabbits by immunization with the recombinant Human ANGPTL3.

**Amino Acid Sequence of Immunogen:**

The immunization antigen (26 kDa) is a protein containing 223 AA of recombinant Human ANGPTL3. N-Terminal His-tag, 16 extra AA.

```
MRGSHHHHHH GMASHMSRID QDNSSFDSLS PEPKSRFAML DDVKILANGL LQLGHGLKDF  
VHKTKGQIND IFQKLNIFDQ SFYDLSLQTS EIKEEEKELR RTTYKLQVKN EEVKNMSLEL  
NSKLESLLLE KILLQQKVY LEEQLTNLIQ NQPETPEHPE VTSLKTFVEK QDNSIKDLLQ  
TVEDQYKQLN QQHSQIKEIE NQLRRTSIQE PTEISLSSKP RAP
```

The amino acid sequence of the recombinant Human ANGPTL3 is 100% homologous to the amino acid sequence of the Human ANGPTL3 (AA 17–223) without signal sequence

**Purification Method:**

Immunoaffinity chromatography on a column with immobilized recombinant Human ANGPTL3.

**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.

**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.