

PRODUCT DATA SHEET

Annexin A1 Human, Sheep Polyclonal Antibody

Cat. No.: RD184371100**Size:** 0.1 mg**Source of Antigen:** E. coli**Type:** Polyclonal Antibody**Host:** Sheep**Other Names:**

Annexin I, Annexin-1, Calpactin II, Calpactin-2, Chromobindin-9, Lipocortin I, Phospholipase A2 inhibitory protein, p35, ANXA1, ANX1, LPC1

Preparation:

The antibody was raised in sheep by immunization with the recombinant Human Annexin A1.

Amino Acid Sequence of Immunogen:

Total 355 AA. MW: 39.8 kDa (calculated). UniProtKB acc.no. P04083 (Ala2-Asn346). N-terminal His-tag (10 extra AA). Protein identity confirmed by LC-MS/MS.

MKHHHHHHAS AMVSEFLKQA WFIENEEQEY VQTVKSSKGG PGSVSPYPT FNPSSDVAAL
HKAIMVKGVD EATIIDILTK RNNAQRQQIK AAYLQETGKP LDETLKKALT GHLEEVVLAL
LKTPAQFDAD ELRAAMKGLG TDEDLIEIL ASRTNKEIRD INRVYREELK RDLAKDITSD
TSGDFRNALL SLAKGDRSED FGVNEDLADS DARALYEAGE RRGTDVNVF NTILTTRSYP
QLRRVFQKYT KYSKHD MNKV LDLELKGDI E KCLTAIVKCA TSKPAFFAEK LHQAMKGVGT
RHKALIRIMV SRSEIDMNDI KAFYQKMYGI SLCQAILDET KGDYEKILVA LCGGN

Purification Method:

Immunoaffinity chromatography on a column with immobilized recombinant Human Annexin A1.

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:

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.