

PRODUCT DATA SHEET

Annexin A1 Human, Rabbit Polyclonal Antibody

Cat. No.: RD181371100

Size: 0.1 mg

Source of Antigen: E. coli

Type: Polyclonal Antibody

Host: Rabbit

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 rabbits 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.

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