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ANXA4 Antibody (N-term) Blocking Peptide

Synthetic peptide
Catalog # BP6599a

Specification

ANXA4 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession P09525

ANXA4 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 307

Other Names
Annexin A4, 35-beta calcimedin, Annexin IV, Annexin-4, Carbohydrate-binding protein p33/p41, Chromobindin-4, Endonexin I, Lipocortin IV, P325, PP4-X, Placental anticoagulant protein II, PAP-II, Protein II, ANXA4, ANX4

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP6599a was selected from the N-term region of human ANXA4. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

ANXA4 Antibody (N-term) Blocking Peptide - Protein Information

Name ANXA4 (HGNC:542)

Synonyms ANX4

Function
Calcium/phospholipid-binding protein which promotes membrane fusion and is involved in exocytosis.

Cellular Location
Zymogen granule membrane {ECO:0000250|UniProtKB:P50994}; Peripheral membrane protein {ECO:0000250|UniProtKB:P50994}

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ANXA4 Antibody (N-term) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

ANXA4 Antibody (N-term) Blocking Peptide - Images

ANXA4 Antibody (N-term) Blocking Peptide - Background

Annexin IV (ANX4) belongs to the annexin family of calcium-dependent phospholipid binding proteins. Although their functions are still not clearly defined, several members of the annexin family have been implicated in membrane-related events along exocytotic and endocytotic pathways. Isolated from human placenta, ANX4 is a protein that has possible interactions with ATP, and has in vitro anticoagulant activity and also inhibits phospholipase A2 activity. ANX4 is almost exclusively expressed in epithelial cells.

ANXA4 Antibody (N-term) Blocking Peptide - References

Skrahina,T., Exp. Cell Res. 314 (5), 1039-1047 (2008)Ulander,V.M., Thromb. Res. 120 (6), 865-870 (2007)