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ANXA4 Antibody (Center) Blocking Peptide

Synthetic peptide
Catalog # BP6599c

Specification

ANXA4 Antibody (Center) Blocking Peptide - Product Information

Primary Accession P09525

ANXA4 Antibody (Center) 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 AP6599c was selected from the Center 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 (Center) 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 (Center) Blocking Peptide - Protocols

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

- Blocking Peptides

ANXA4 Antibody (Center) Blocking Peptide - Images

ANXA4 Antibody (Center) 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 (Center) Blocking Peptide - References

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