

ANXA13 Antibody(N-term) Blocking peptide
Synthetic peptide
Catalog # BP19526a**Specification**

ANXA13 Antibody(N-term) Blocking peptide - Product InformationPrimary Accession [P27216](#)**ANXA13 Antibody(N-term) Blocking peptide - Additional Information****Gene ID** 312**Other Names**

Annexin A13, Annexin XIII, Annexin-13, Intestine-specific annexin, ISA, ANXA13, ANX13

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.

ANXA13 Antibody(N-term) Blocking peptide - Protein Information**Name** ANXA13**Synonyms** ANX13**Function**

[Isoform A]: Binds to membranes enriched in phosphatidylserine or phosphatidylglycerol in a calcium-dependent manner (PubMed:27676605, PubMed:30610115). Half-maximal membrane binding requires about 60 uM calcium. Does not bind to membranes that lack phospholipids with an acidic headgroup (PubMed:27676605).

Cellular Location

Apical cell membrane. Cell membrane; Lipid-anchor. Cytoplasmic vesicle {ECO:0000250|UniProtKB:Q99JG3}. Note=Myristoylation anchors the protein to the membrane, but the protein also displays calcium-dependent, reversible binding to lipid membranes (PubMed:30610115). Associated with the plasma membrane of undifferentiated, proliferating crypt epithelial cells as well as differentiated villus enterocytes (PubMed:1530946).

Tissue Location

Detected in epithelial cells in colon and jejunum (at protein level). Detected in epithelial cells in

jejunum

ANXA13 Antibody(N-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

ANXA13 Antibody(N-term) Blocking peptide - Images

ANXA13 Antibody(N-term) Blocking peptide - Background

This gene encodes a member of the annexin family. Members of this calcium-dependent phospholipid-binding protein family play a role in the regulation of cellular growth and in signal transduction pathways. The specific function of this gene has not yet been determined; however, it is associated with the plasma membrane of undifferentiated, proliferating endothelial cells and differentiated villus enterocytes. Alternatively spliced transcript variants encoding different isoforms have been identified.

ANXA13 Antibody(N-term) Blocking peptide - References

Reiske, H., et al. Anal. Quant. Cytol. Histol. 32(2):61-69(2010) Anderson, N.L., et al. Mol. Cell Proteomics 3(4):311-326(2004) Iglesias, J.M., et al. Mol. Biol. Evol. 19(5):608-618(2002) Noda, Y., et al. J. Cell Biol. 155(1):77-88(2001) Plant, P.J., et al. J. Cell Biol. 149(7):1473-1484(2000)