

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

**Specification**

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**ANXA13 Antibody(N-term) Blocking peptide - Product Information**

Primary 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:<a href="http://www.uniprot.org/citations/27676605" target="\_blank">27676605</a>, PubMed:<a href="http://www.uniprot.org/citations/30610115" target="\_blank">30610115</a>). Half-maximal membrane binding requires about 60 uM calcium. Does not bind to membranes that lack phospholipids with an acidic headgroup (PubMed:<a href="http://www.uniprot.org/citations/27676605" target="\_blank">27676605</a>).

**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 plasmamembrane 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)