

ANXA13 Antibody(N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP19526a**Specification**

ANXA13 Antibody(N-term) - Product Information

Application	WB,E
Primary Accession	P27216
Other Accession	NP_004297.2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	35415
Antigen Region	1-30

ANXA13 Antibody(N-term) - Additional Information**Gene ID** 312**Other Names**

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

Target/Specificity

This ANXA13 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human ANXA13.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

ANXA13 Antibody(N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

ANXA13 Antibody(N-term) - 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

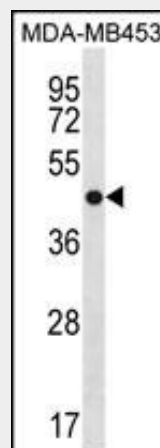
Detected in epithelial cells in colon and jejunum (at protein level). Detected in epithelial cells in jejunum

ANXA13 Antibody(N-term) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ANXA13 Antibody(N-term) - Images



ANXA13 Antibody (N-term) (Cat. #AP19526a) western blot analysis in MDA-MB453 cell line lysates (35ug/lane). This demonstrates the ANXA13 antibody detected the ANXA13 protein (arrow).

ANXA13 Antibody(N-term) - 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) - 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)