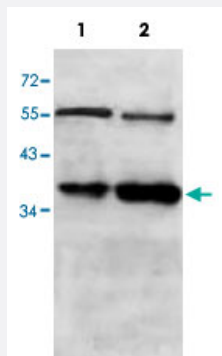


ANXA2 polyclonal antibody

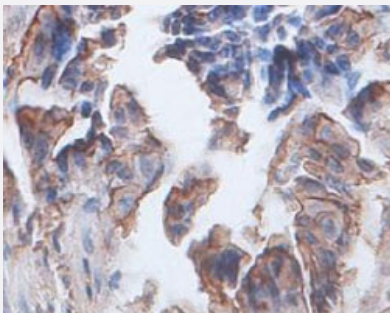
Catalog # PAB18836 Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of SW480 (Lane 1) and MDA-MB-231 (Lane 2) lysate with ANXA2 polyclonal antibody (Cat # PAB18836) at 1 : 500 dilution.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of formalin-fixed paraffin-embedded human colon carcinoma tissue staining with ANXA2 polyclonal antibody (Cat # PAB18836) at 1 : 100 dilution.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant ANXA2.
Immunogen	Recombinant protein corresponding to amino acids 177-329 of human ANXA2.
Host	Rabbit
Reactivity	Human
Form	Liquid

Recommend Usage	ELISA (1:10000-1:80000) Western Blot (1:200-1:1000) Immunohistochemistry (1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In buffer containing 0.02% sodium azide
Storage Instruction	Store at 4°C for three months. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of SW480 (Lane 1) and MDA-MB-231 (Lane 2) lysate with ANXA2 polyclonal antibody (Cat # PAB18836) at 1 : 500 dilution.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of formalin-fixed paraffin-embedded human colon carcinoma tissue staining with ANXA2 polyclonal antibody (Cat # PAB18836) at 1 : 100 dilution.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — ANXA2

Entrez GeneID	302
Protein Accession#	NM_001002857
Gene Name	ANXA2
Gene Alias	ANX2, ANX2L4, CAL1H, LIP2, LPC2, LPC2D, P36, PAP-IV
Gene Description	annexin A2
Omim ID	151740
Gene Ontology	Hyperlink

Gene Summary

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. This protein functions as an autocrine factor which heightens osteoclast formation and bone resorption. This gene has three pseudogenes located on chromosomes 4, 9 and 10, respectively. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations

OTTHUMP00000163650|annexin III|calpactin I heavy polypeptide|chromobindin 8|lipocortin II|platelet anticoagulant protein IV

Disease

- [Anemia](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Osteonecrosis](#)
- [Prostatic Neoplasms](#)
- [Tobacco Use Disorder](#)