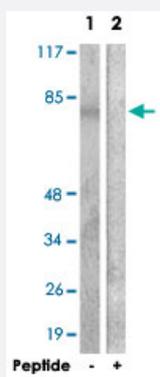


# ANXA6 polyclonal antibody

Catalog # PAB18085      Size 100 ug

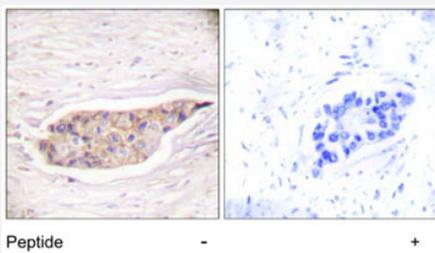
## Applications



### Western Blot (Cell lysate)

Western blot analysis of extracts from 293 cells, using ANXA6 polyclonal antibody (Cat # PAB18085).

Peptide "+" means "with peptide blocking".



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

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using ANXA6 polyclonal antibody (Cat # PAB18085).

Peptide "+" means "with peptide blocking".

## Specification

<b>Product Description</b>	Rabbit polyclonal antibody raised against synthetic peptide of ANXA6.
<b>Immunogen</b>	A synthetic peptide corresponding to human ANXA6.
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human
<b>Specificity</b>	This antibody is specific to ANXA6.
<b>Form</b>	Liquid

<b>Recommend Usage</b>	Western Blot (1:500~1:1000) Immunohistochemistry (1:50~1:100) Immunofluorescence (1:500~1:1000) ELISA (1:10000) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In PBS, 150mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide)
<b>Storage Instruction</b>	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	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 extracts from 293 cells, using ANXA6 polyclonal antibody (Cat # PAB18085).  
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- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using ANXA6 polyclonal antibody (Cat # PAB18085).  
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- Immunohistochemistry

- Immunofluorescence

- Enzyme-linked Immunoabsorbent Assay

## Gene Info — ANXA6

**Entrez GeneID** [309](#)

**Protein Accession#** [P08133](#)

**Gene Name** ANXA6

**Gene Alias** ANX6, CBP68

**Gene Description** annexin A6

**Omim ID** [114070](#)

## Gene Ontology

[Hyperlink](#)

## Gene Summary

Annexin VI belongs to a family of calcium-dependent membrane and 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. The annexin VI gene is approximately 60 kbp long and contains 26 exons. It encodes a protein of about 68 kDa that consists of eight 68-amino acid repeats separated by linking sequences of variable lengths. It is highly similar to human annexins I and II sequences, each of which contain four such repeats. Exon 21 of annexin VI is alternatively spliced, giving rise to two isoforms that differ by a 6-amino acid insertion at the start of the seventh repeat. Annexin VI has been implicated in mediating the endosome aggregation and vesicle fusion in secreting epithelia during exocytosis. [provided by RefSeq]

## Other Designations

annexin VI|annexin VI (p68)|calcium-binding protein p68|callectrin|calphobindin II

## Publication Reference

- [Annexin A6 controls neuronal membrane dynamics throughout chick cranial sensory gangliogenesis.](#)

Shah A, Schiffmacher AT, Taneyhill LA.

Amino Acids 2017 May; 425(1):85.

Application: IHC, WB, Chicken, Chicken embryos

- [Identification of a novel interaction between the Ca\(2+\)-binding protein S100A11 and the Ca\(2+\)- and phospholipid-binding protein annexin A6.](#)

Chang N, Sutherland C, Hesse E, Winkfein R, Wiehler WB, Pho M, Veillette C, Li S, Wilson DP, Kiss E, Walsh MP.

American Journal of Physiology. Cell Physiology 2007 Apr; 292(4):C1417.

Application: IF, Rat, Rat caudal arterial smooth muscle cells

- [Cholesterol modulates the membrane binding and intracellular distribution of annexin 6.](#)

de Diego I, Schwartz F, Siegfried H, Dauterstedt P, Heeren J, Beisiegel U, Enrich C, Grewal T.

The Journal of Biological Chemistry 2002 Jun; 277(35):32187.

Application: WB-Ce, Mouse, CHO cells

- [Endocytosis occurs independently of annexin VI in human A431 cells.](#)

Smythe E, Smith PD, Jacob SM, Theobald J, Moss SE.

The Journal of Cell Biology 1994 Feb; 124(3):301.

Application: WB-Tr, Human, A-431 cells

## Disease

- [Femur Head Necrosis](#)
- [Genetic Predisposition to Disease](#)