

## Product datasheet for **TA364414**

### Annexin IV (ANXA4) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 200-1000 WB positive control: Raw264.7 cells and human fetal liver tissue IHC: 15-50 Positive control: Human thyroid cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human ANXA4
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	36 kDa
Gene Name:	annexin A4
Database Link:	<a href="#">Entrez Gene 307 Human P09525</a>



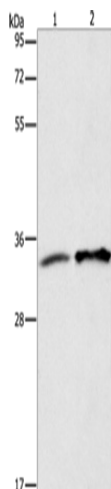
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**Background:**

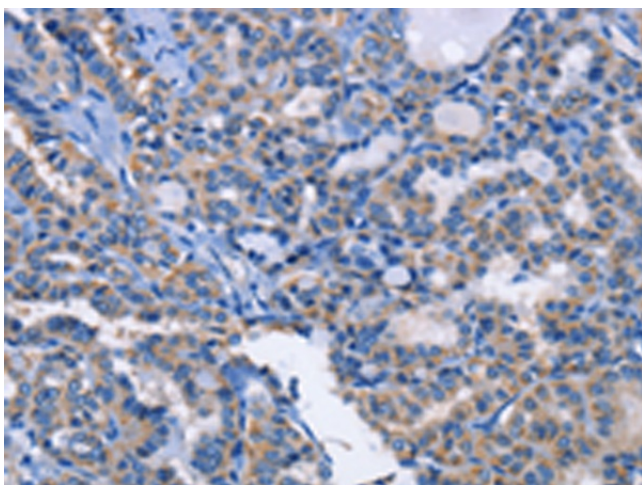
Annexin IV (ANX4) belongs to the annexin family of calcium-dependent phospholipid binding proteins. Although their functions are still not clearly defined, several members of the annexin family have been implicated in membrane-related events along exocytotic and endocytotic pathways. ANX4 has 45 to 59% identity with other members of its family and shares a similar size and exon-intron organization. Isolated from human placenta, ANX4 encodes a protein that has possible interactions with ATP, and has in vitro anticoagulant activity and also inhibits phospholipase A2 activity. ANX4 is almost exclusively expressed in epithelial cells.

**Synonyms:**

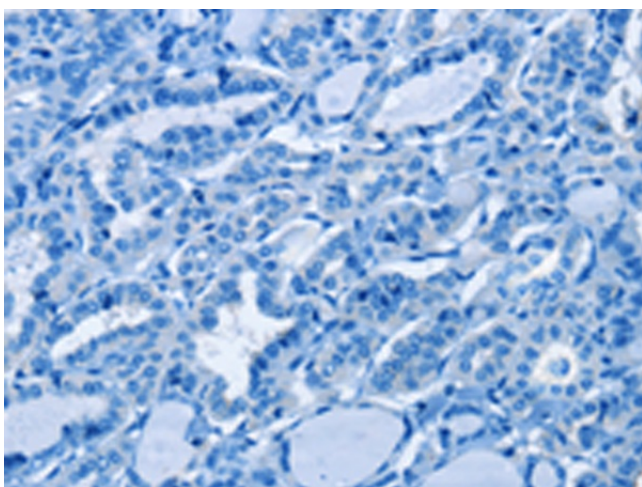
Annexin-4; ANX4; Chromobindin-4; DKFZp686H02120; MGC75105; P32.5; PAP-II; PIG28; PP4-X; ZAP36

**Product images:**

Gel: 8%SDS-PAGE  
Lysate: 40 µg  
Lane 1-2: Raw264.7 cells  
human fetal liver tissue  
Primary antibody: TA364414 (ANXA4 Antibody) at dilution 1/400  
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution  
Exposure time: 3 seconds



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA364414 (ANXA4 Antibody) at dilution 1/20 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA364414 (ANXA4 Antibody) at dilution 1/20, treated with fusion protein. (Original magnification: ×200)